Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
Data File : BE099773.D
Acq On : 29 May 2019 13:09
Operator : JU/SJ
Sample : PB120145BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB120145BS

Quant Time: May 29 13:56:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 1398 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.61 | 136 | 4515 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 3003 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 8512 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 12892 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.95 | 264 | 15427 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 1445 | 0.41 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 1853 | 0.40 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1462 | 0.37 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 3738 | 0.48 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 538 | 0.37 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 4369 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 44491 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 9458 | 0.41 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 631 | 0.305 | ng | # | 50 |
| 3) n-Nitrosodimethylamine | 3.61 | 42 | 531 | 0.465 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 1459 | 0.351 | ng | | 96 |
| 9) Naphthalene | 10.65 | 128 | 18932 | 0.392 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.94 | 225 | 1352 | 0.380 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.28 | 142 | 2941 | 0.374 | ng | | 94 |
| 16) Acenaphthylene | 14.20 | 152 | 5162 | 0.369 | ng | | 100 |
| 17) Acenaphthene | 14.54 | 154 | 2905 | 0.370 | ng | | 97 |
| 18) Fluorene | 15.52 | 166 | 4120 | 0.356 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 1703 | 0.347 | ng | # | 80 |
| 21) Hexachlorobenzene | 16.52 | 284 | 1844 | 0.367 | ng | | 99 |
| 22) Pentachlorophenol | 16.91 | 266 | 582 | 0.550 | ng | | 94 |
| 23) Phenanthrene | 17.27 | 178 | 7552 | 0.363 | ng | | 100 |
| 24) Anthracene | 17.36 | 178 | 6763 | 0.359 | ng | | 99 |
| 26) Fluoranthene | 19.29 | 202 | 12381 | 0.377 | ng | | 100 |
| 28) Pyrene | 19.65 | 202 | 12856 | 0.397 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.39 | 228 | 16864 | 0.460 | ng | | 99 |
| 31) Chrysene | 21.45 | 228 | 15790 | 0.403 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 18544 | 0.439 | ng | # | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.63 | 276 | 20323 | 0.430 | ng | # | 93 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 16517 | 0.391 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.21 | 252 | 17546 | 0.398 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.83 | 252 | 16622 | 0.409 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.66 | 278 | 16611 | 0.389 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.46 | 276 | 18052 | 0.418 | ng | | 98 |

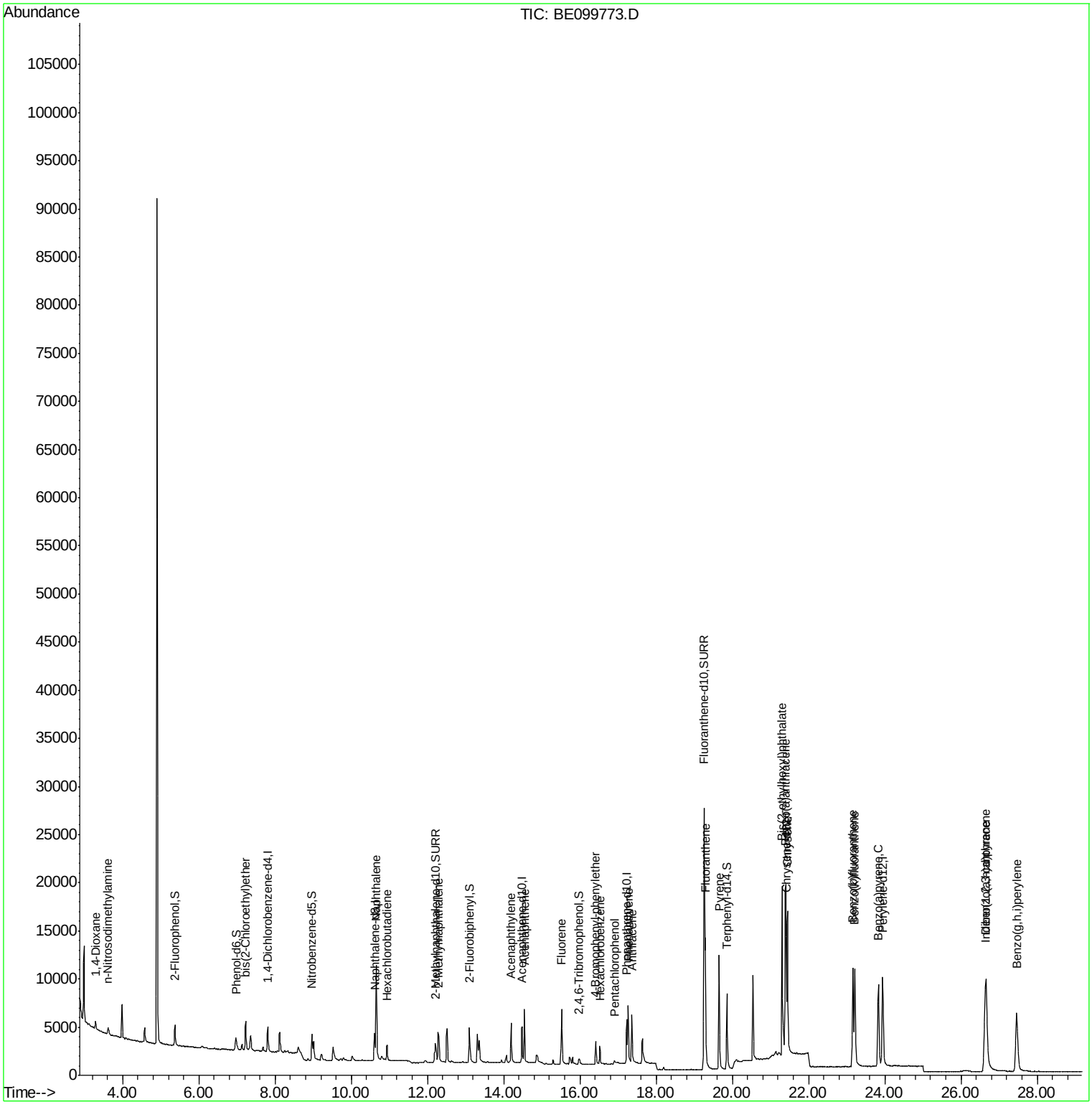
(#) = qualifier out of range (m) = manual integration (+) = signals summed

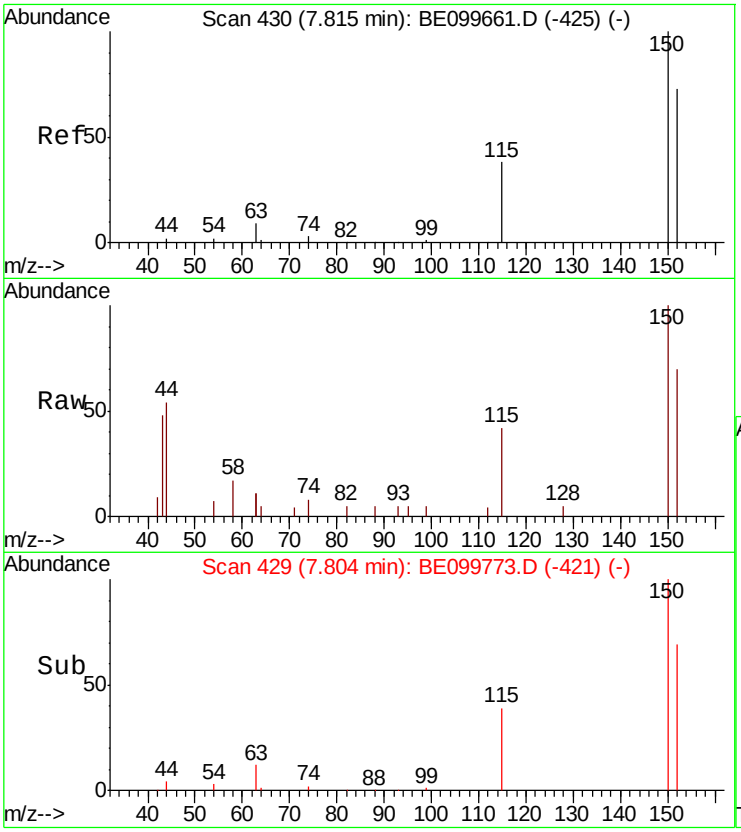
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
Data File : BE099773.D
Acq On : 29 May 2019 13:09
Operator : JU/SJ
Sample : PB120145BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Quant Time: May 29 13:56:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



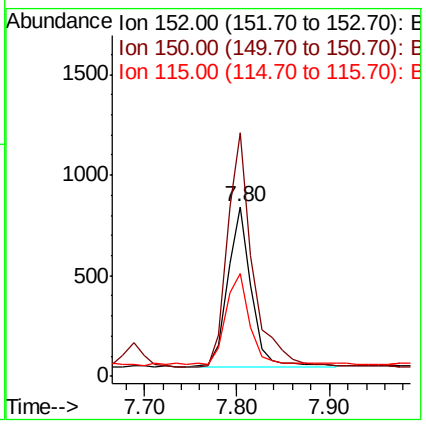


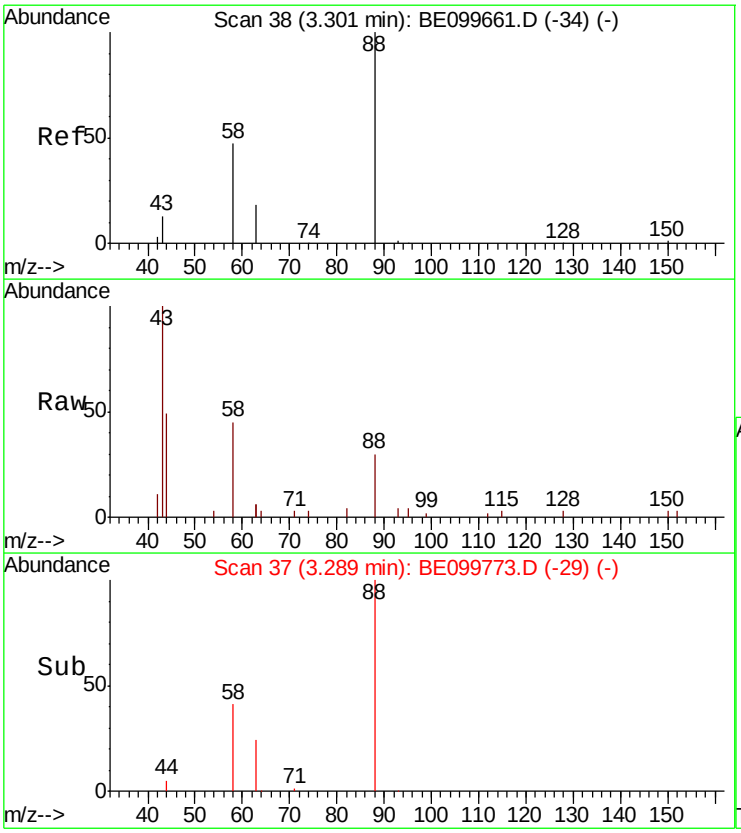

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:152 Resp: 1398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 143.5 | 109.2 | 163.8 |
| 115 | 60.6 | 43.7 | 65.5 |

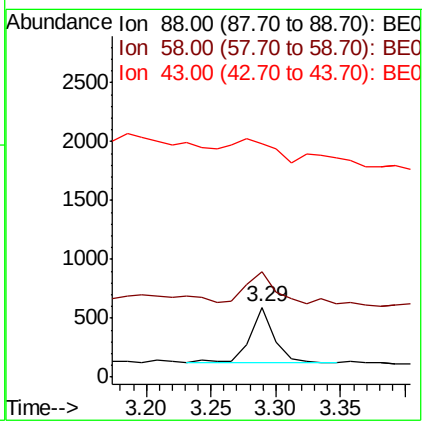


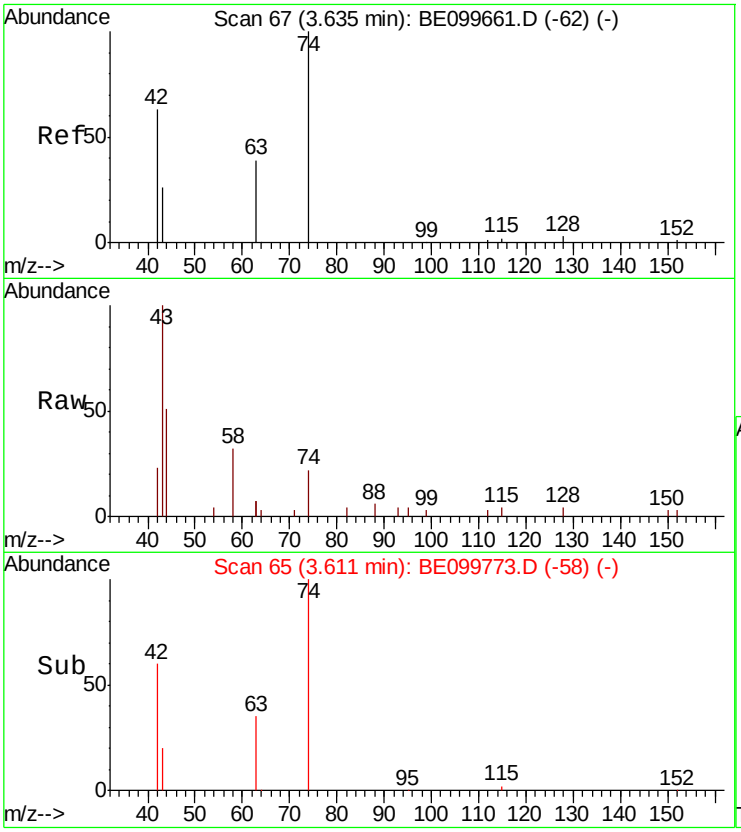




#2
1,4-Dioxane
Concen: 0.305 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion: 88 Resp: 631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 71.9 | 41.8 | 62.8# |
| 43 | 68.9 | 15.0 | 22.4# |



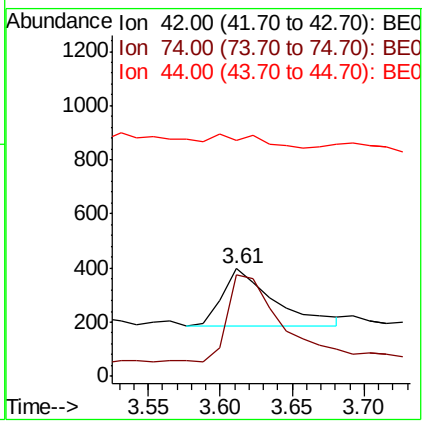


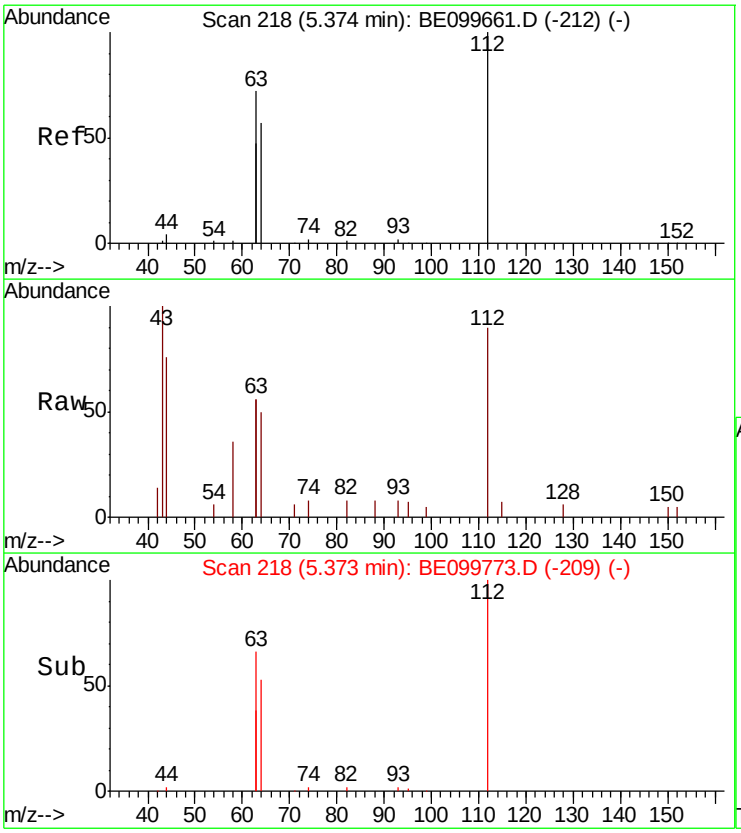

#3
n-Nitrosodimethylamine
Concen: 0.465 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion: 42 Resp: 531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 152.7 | 129.2 | 193.8 |
| 44 | 20.5 | 0.0 | 0.0# |

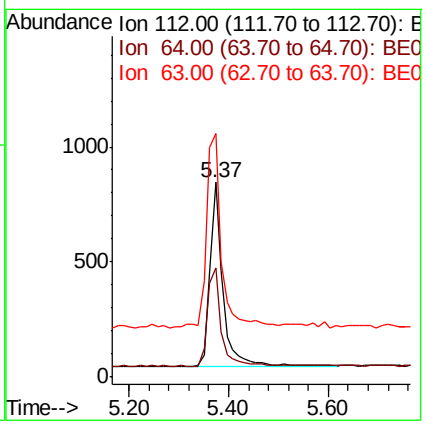


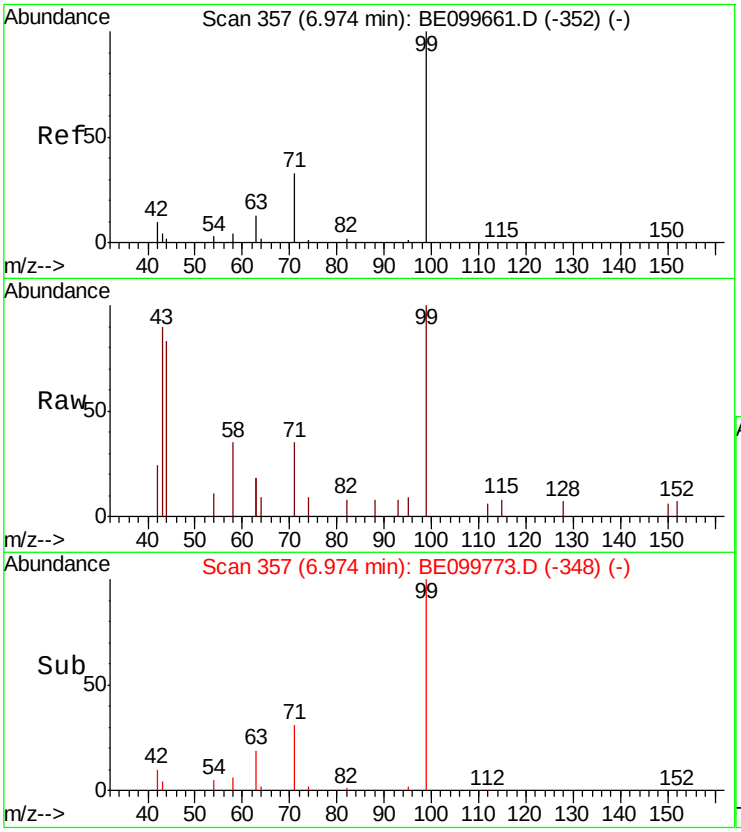




#4
2-Fluorophenol
Concen: 0.409 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:112 Resp: 1445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.7 | 43.4 | 65.2 |
| 63 | 118.8 | 96.9 | 145.3 |



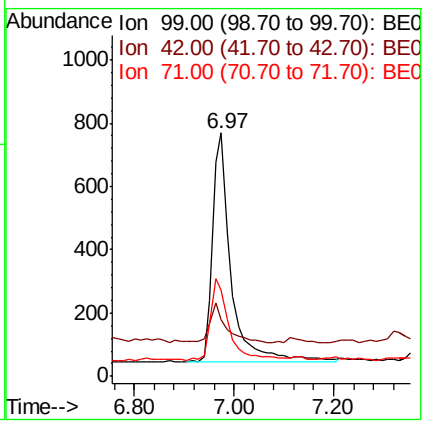


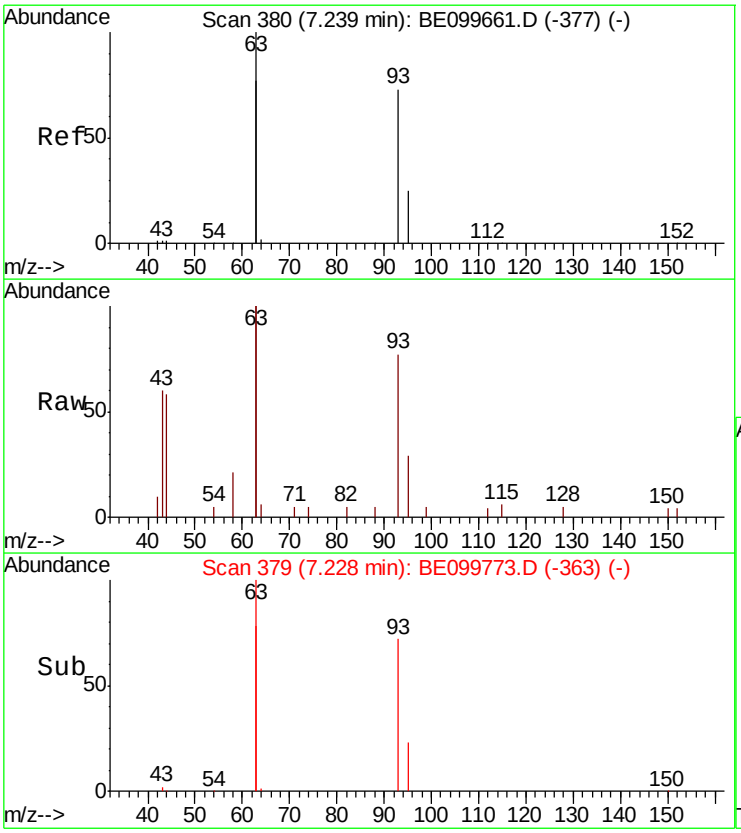

#5
Phenol-d6
Concen: 0.396 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion: 99 Resp: 1853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 12.2 | 18.2 |
| 71 | 36.7 | 28.9 | 43.3 |

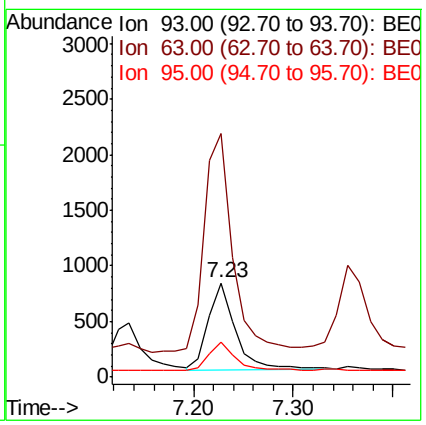


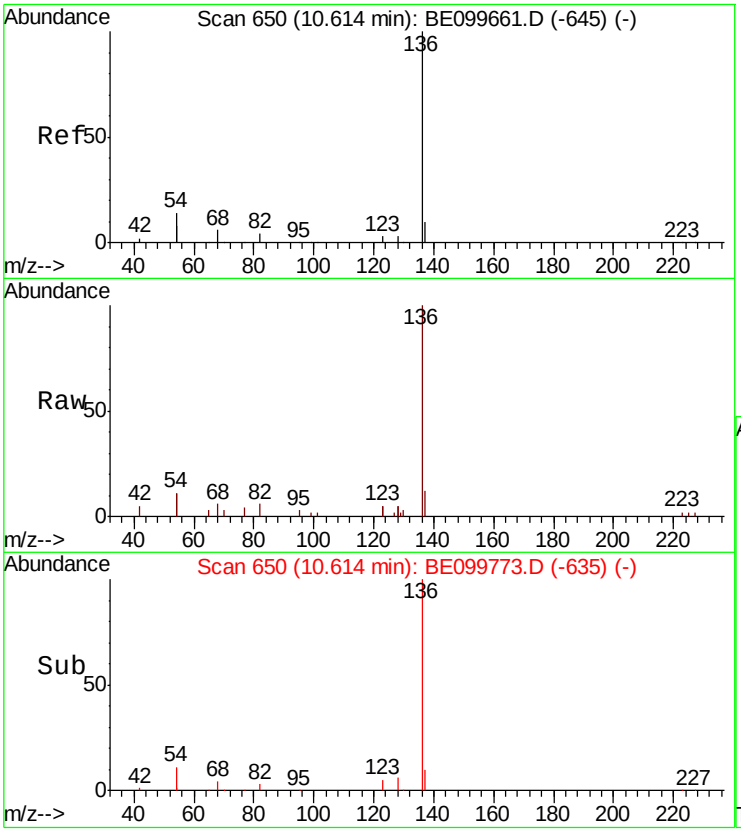




#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion: 93 Resp: 1459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 267.3 | 207.8 | 311.6 |
| 95 | 32.8 | 25.9 | 38.9 |



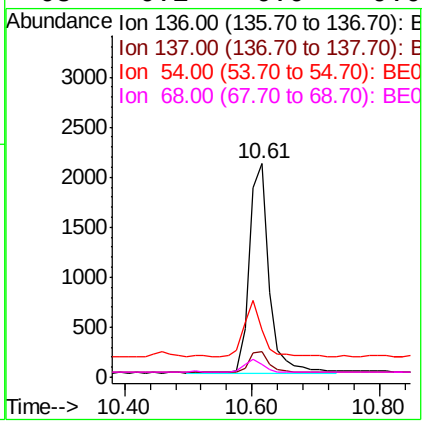


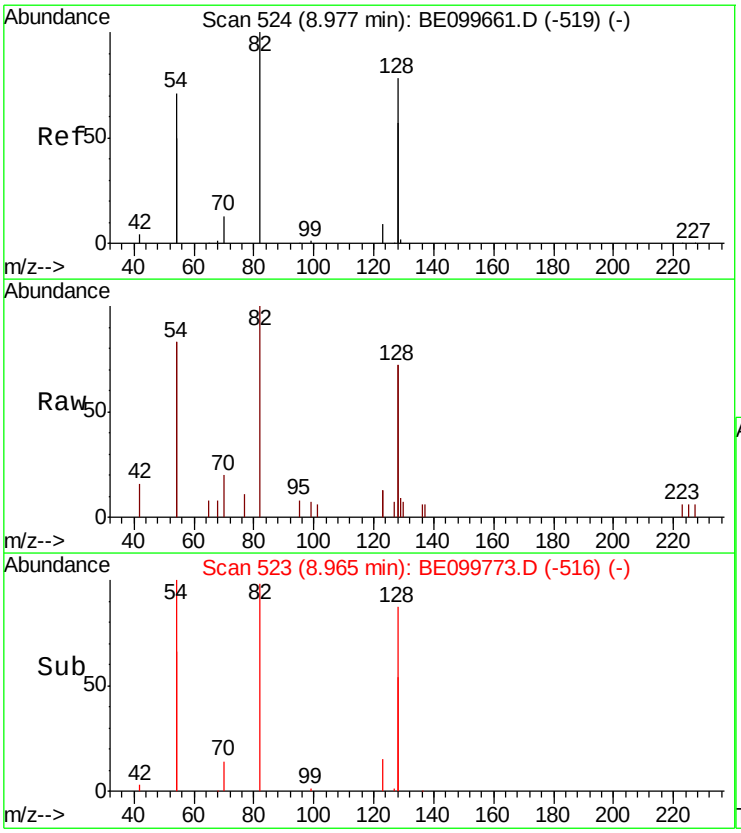

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:136 Resp: 4515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.0 | 13.6 |
| 54 | 22.2 | 22.3 | 33.5# |
| 68 | 6.1 | 6.0 | 9.0 |

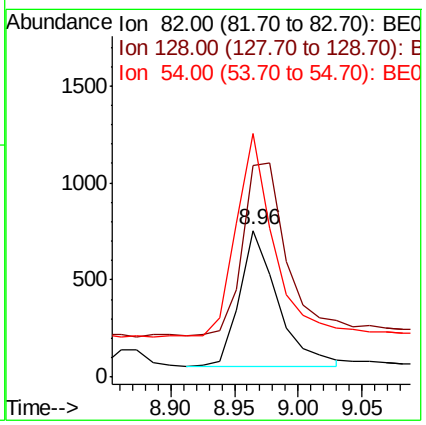


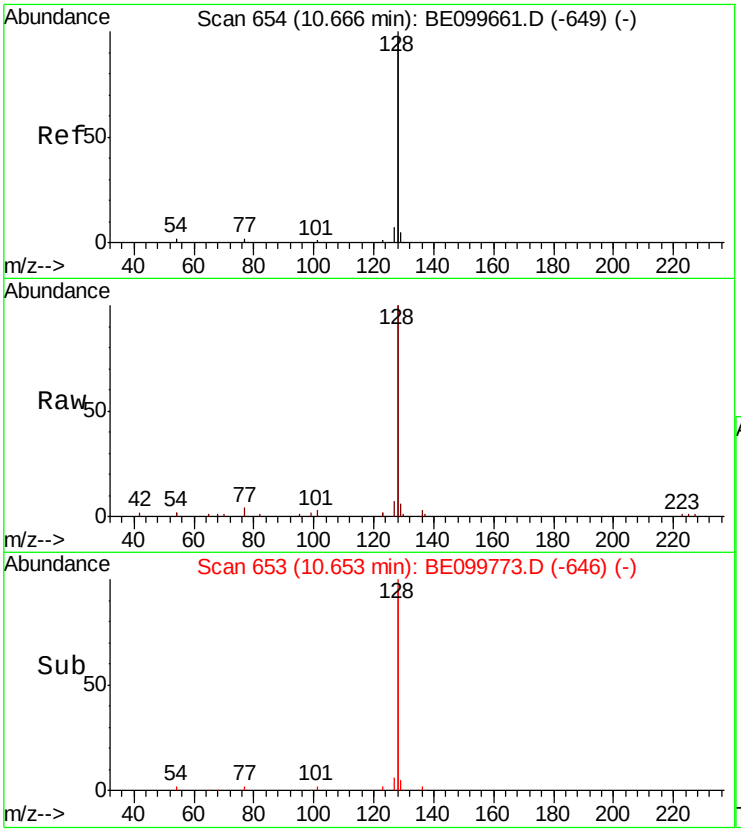




#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion: 82 Resp: 1462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 144.6 | 117.7 | 176.5 |
| 54 | 166.3 | 106.6 | 160.0# |



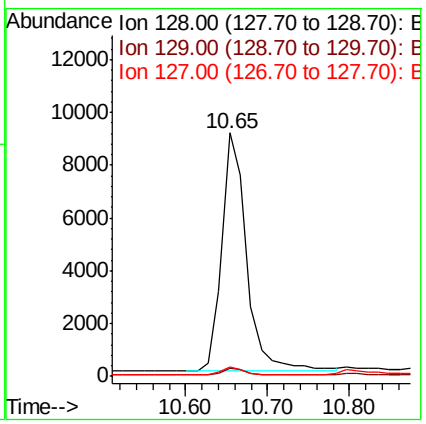


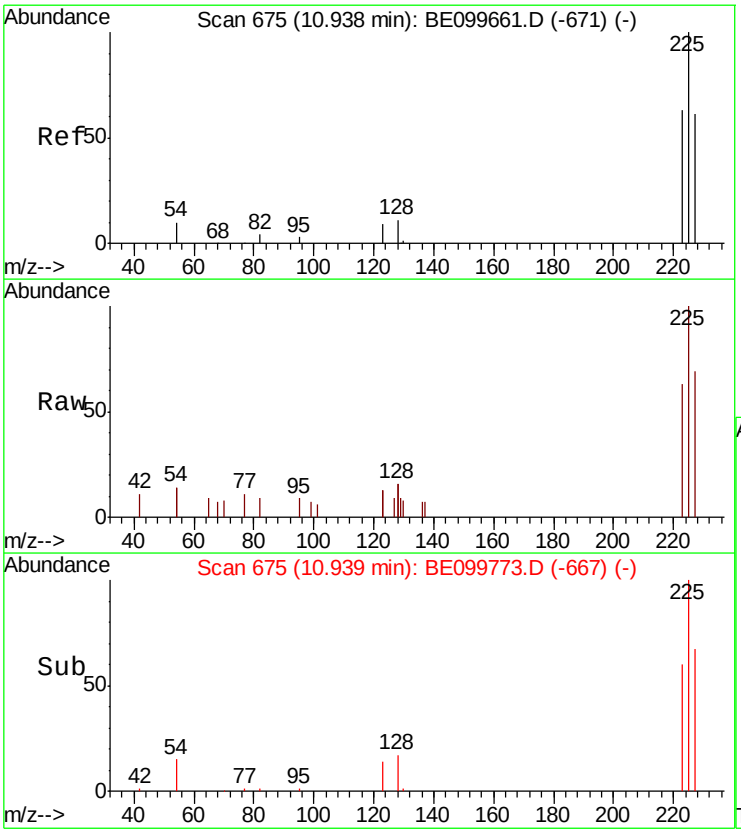

#9
Naphthalene
Concen: 0.392 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:128 Resp: 18932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.2 | 2.4 | 3.6 |
| 127 | 3.7 | 2.9 | 4.3 |

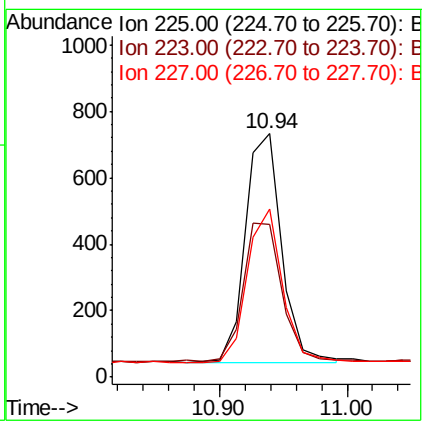


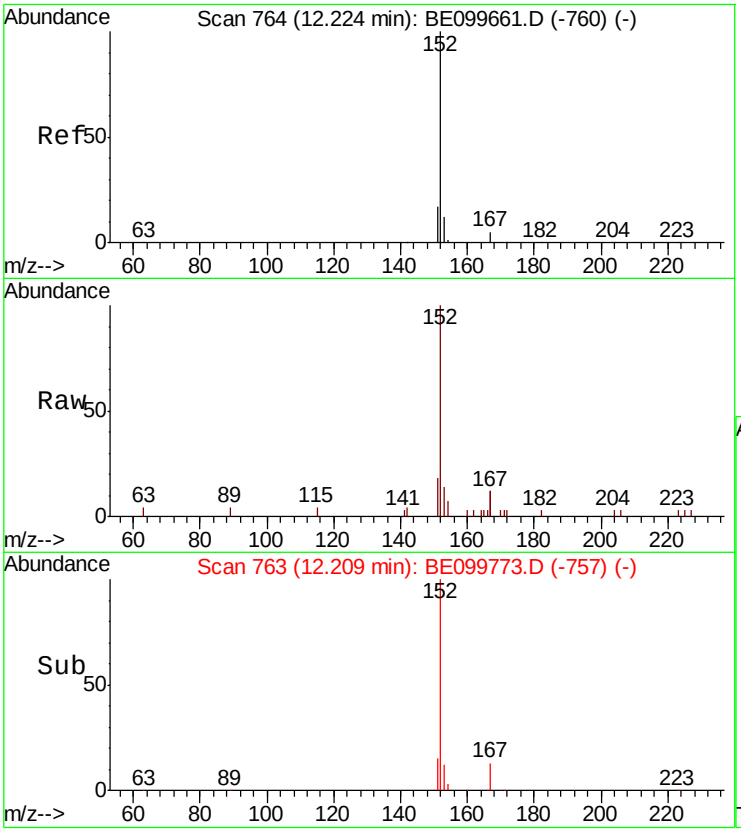




#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:225 Resp: 1352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.7 | 51.8 | 77.6 |
| 227 | 65.2 | 52.6 | 79.0 |



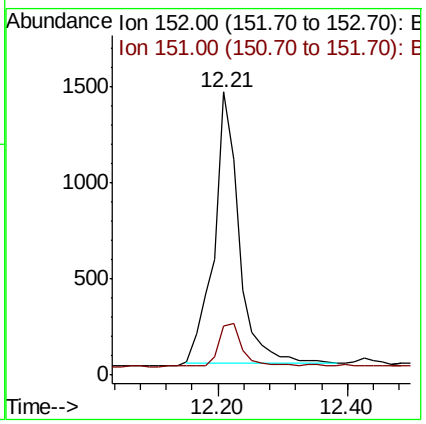


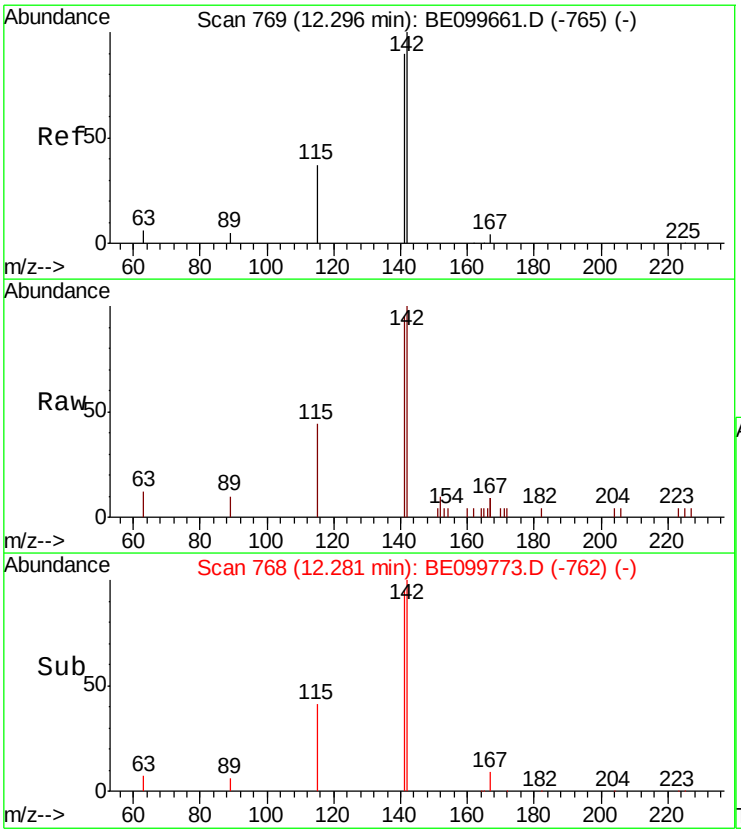

#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:152 Resp: 3738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 15.3 | 15.0 | 22.4 |

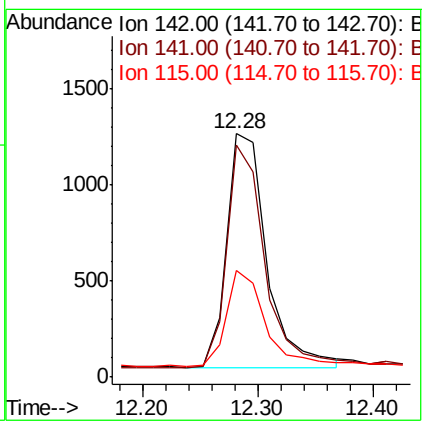


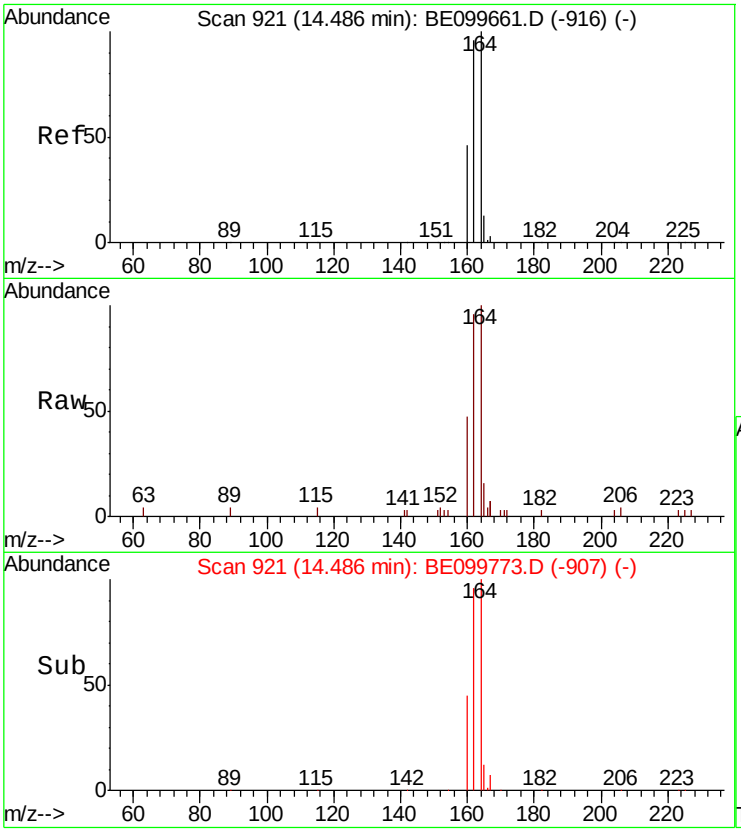




#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:142 Resp: 2941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.4 | 72.0 | 108.0 |
| 115 | 43.7 | 31.0 | 46.4 |



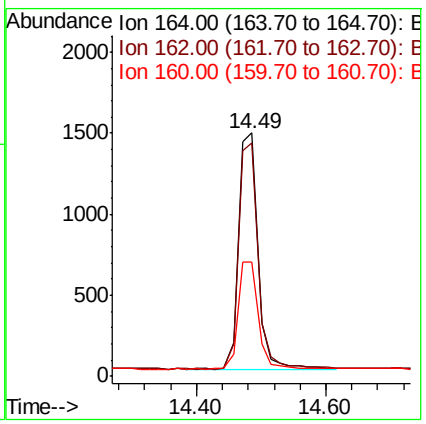


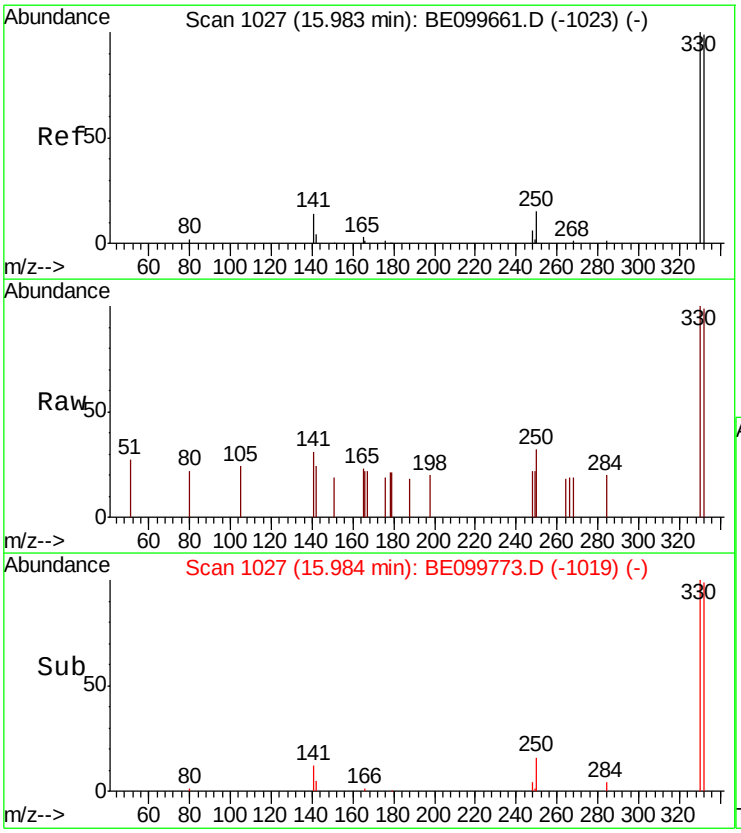

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:164 Resp: 3003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.7 | 76.5 | 114.7 |
| 160 | 46.8 | 37.4 | 56.2 |

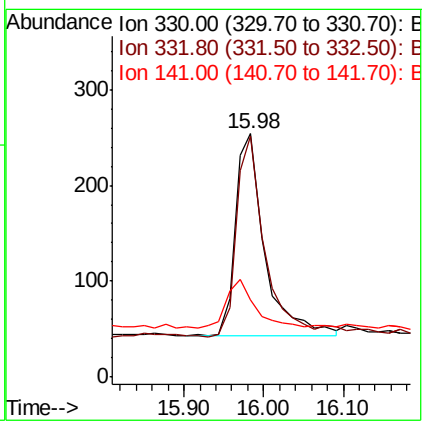


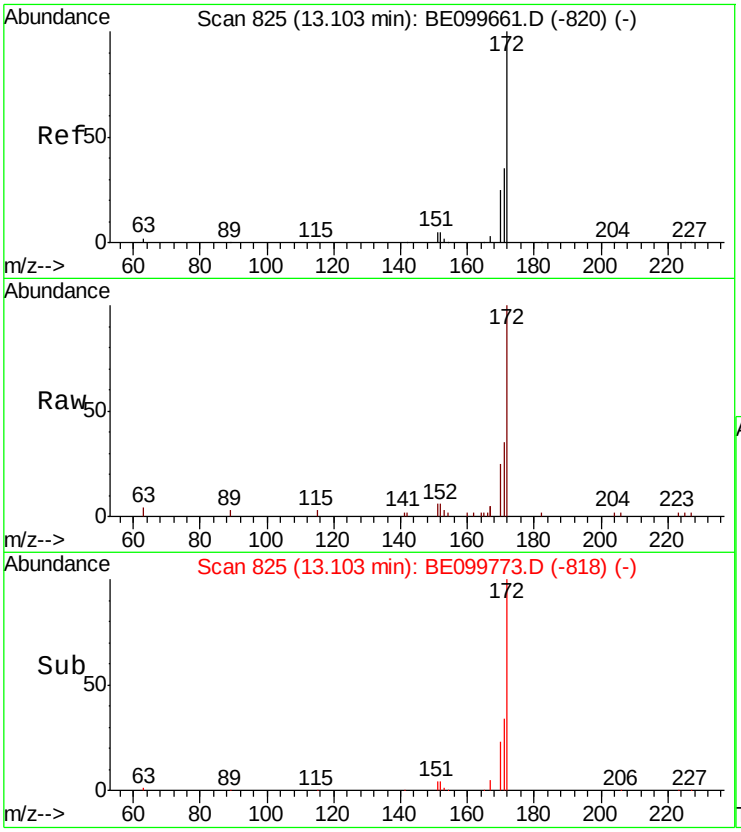




#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:330 Resp: 538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.8 | 77.3 | 115.9 |
| 141 | 24.0 | 18.9 | 28.3 |



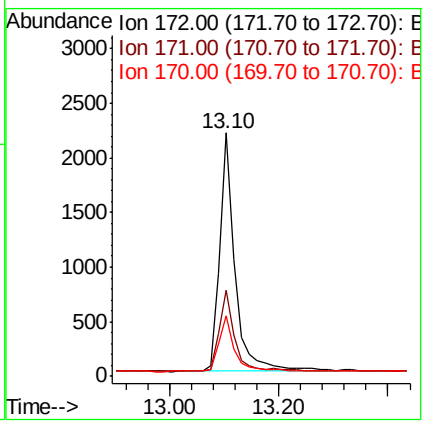


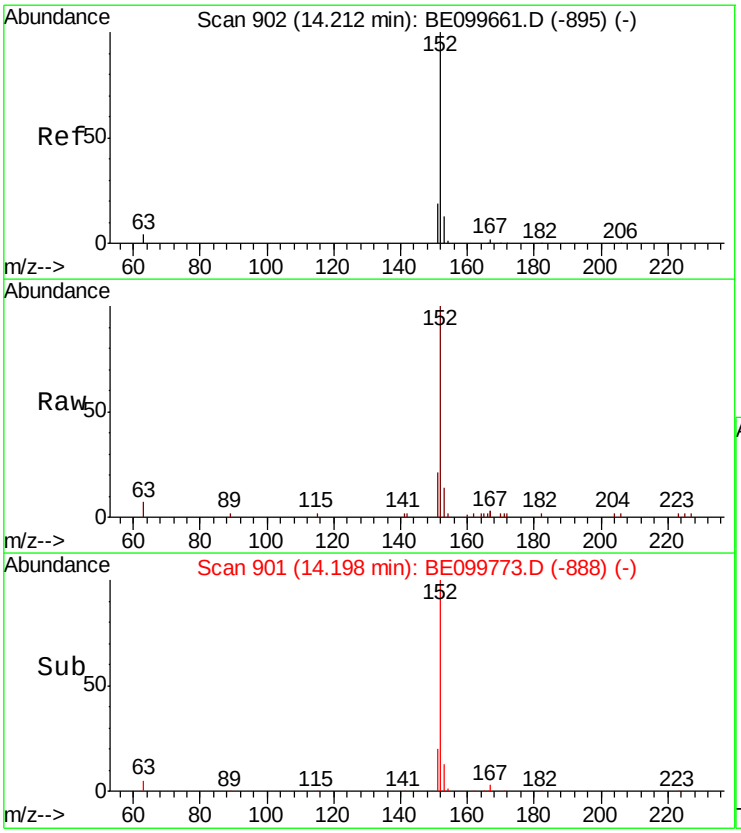

#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:172 Resp: 4369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.7 | 43.1 |
| 170 | 24.6 | 20.9 | 31.3 |

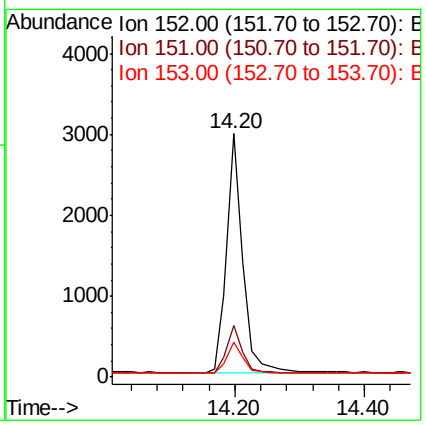


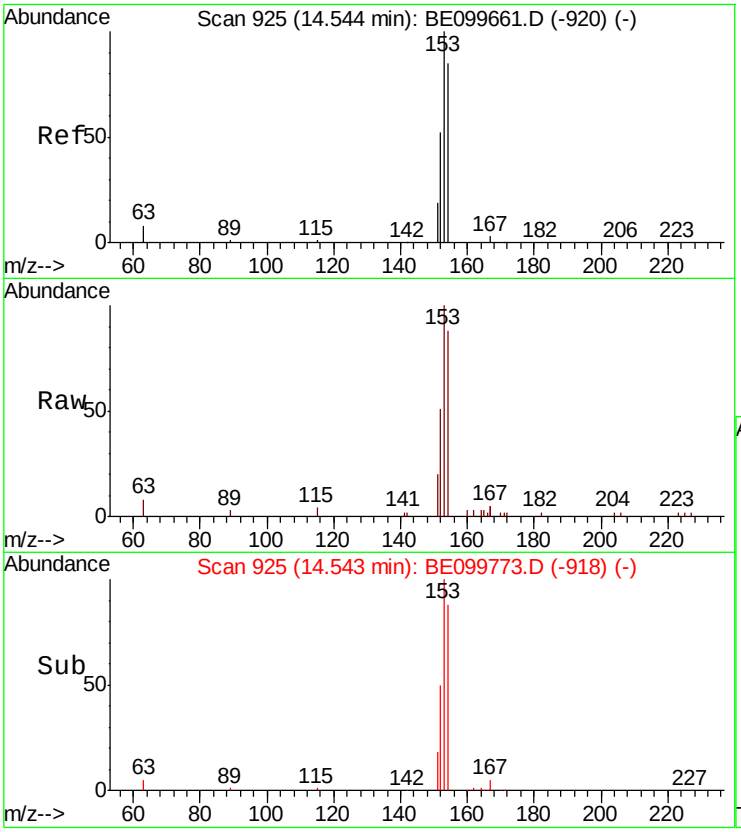




#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:152 Resp: 5162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.5 | 10.6 | 16.0 |



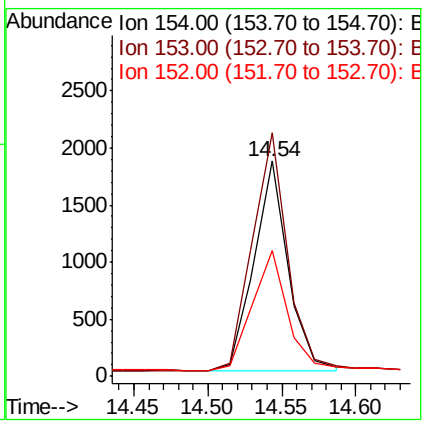


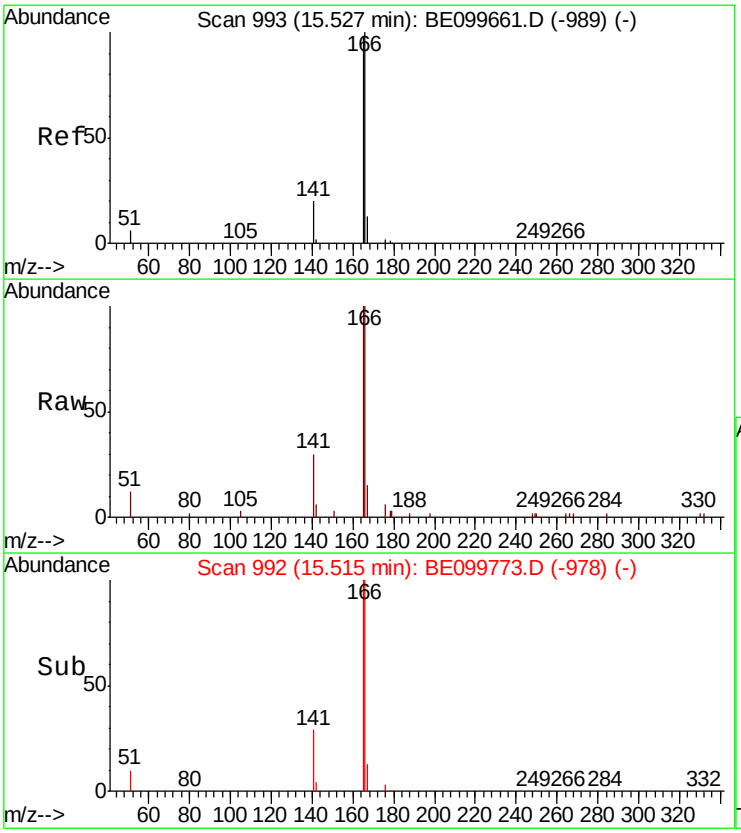

#17
Acenaphthene
Concen: 0.370 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:154 Resp: 2905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 117.7 | 91.8 | 137.6 |
| 152 | 59.2 | 46.0 | 69.0 |

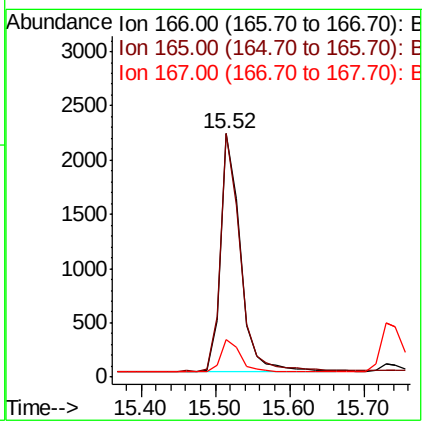


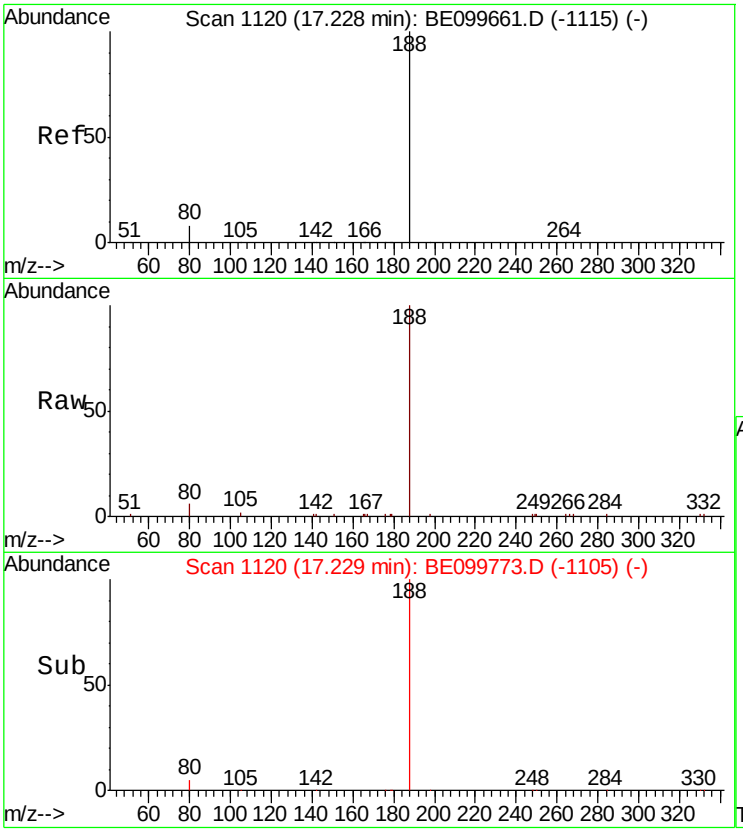




#18
Fluorene
Concen: 0.356 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:166 Resp: 4120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.2 | 80.3 | 120.5 |
| 167 | 13.9 | 10.6 | 16.0 |



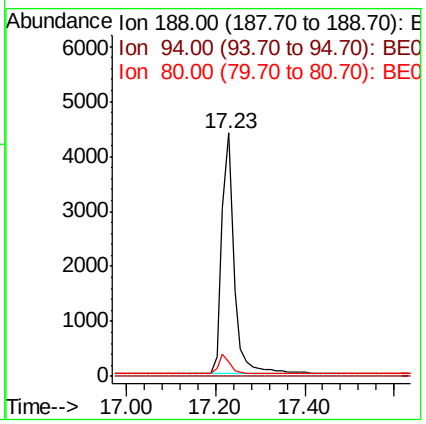


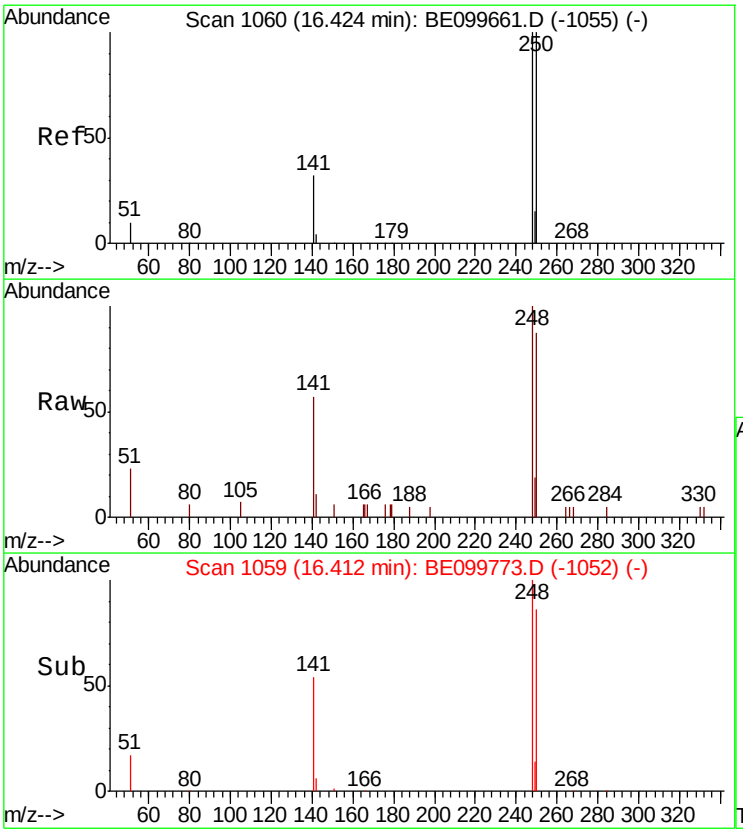

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:188 Resp: 8512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 5.9 | 6.7 | 10.1# |

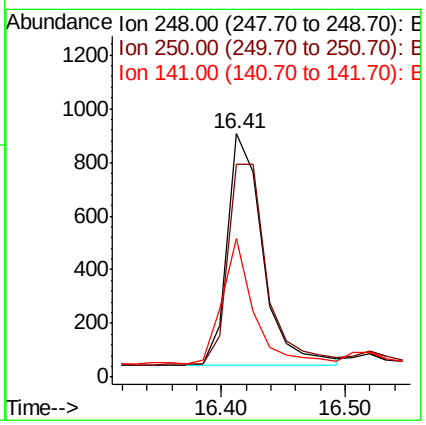


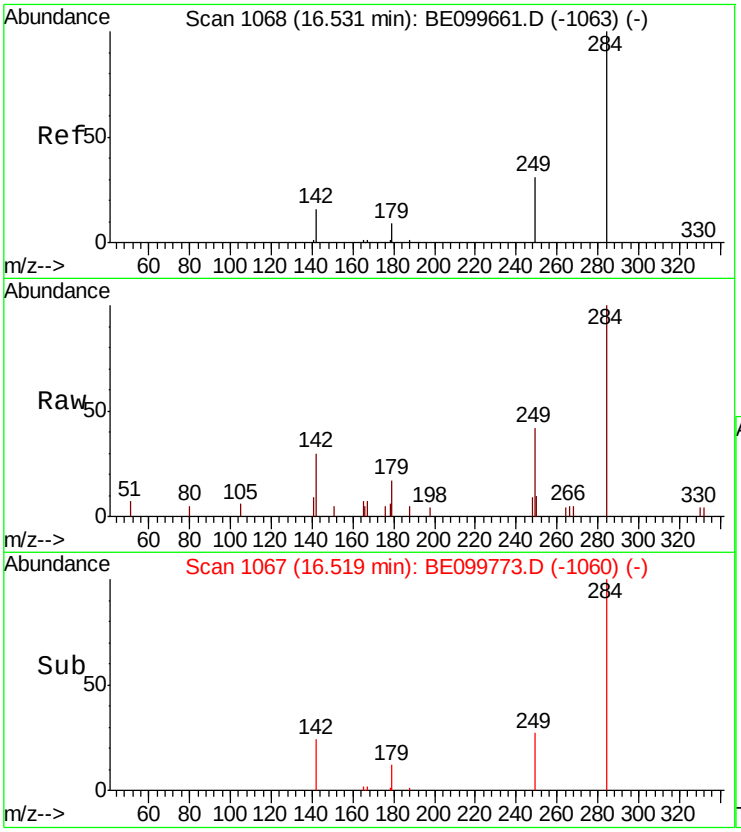




#20
4-Bromophenyl-phenylether
Concen: 0.347 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:248 Resp: 1703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 87.2 | 79.8 | 119.8 |
| 141 | 56.8 | 27.0 | 40.6# |



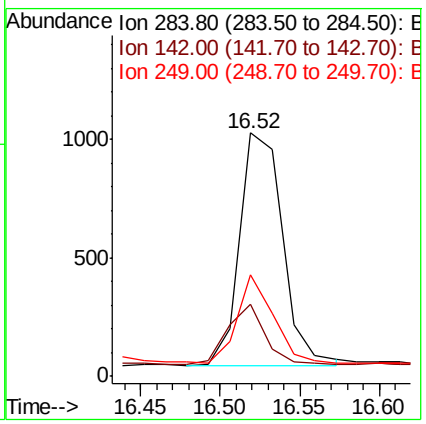


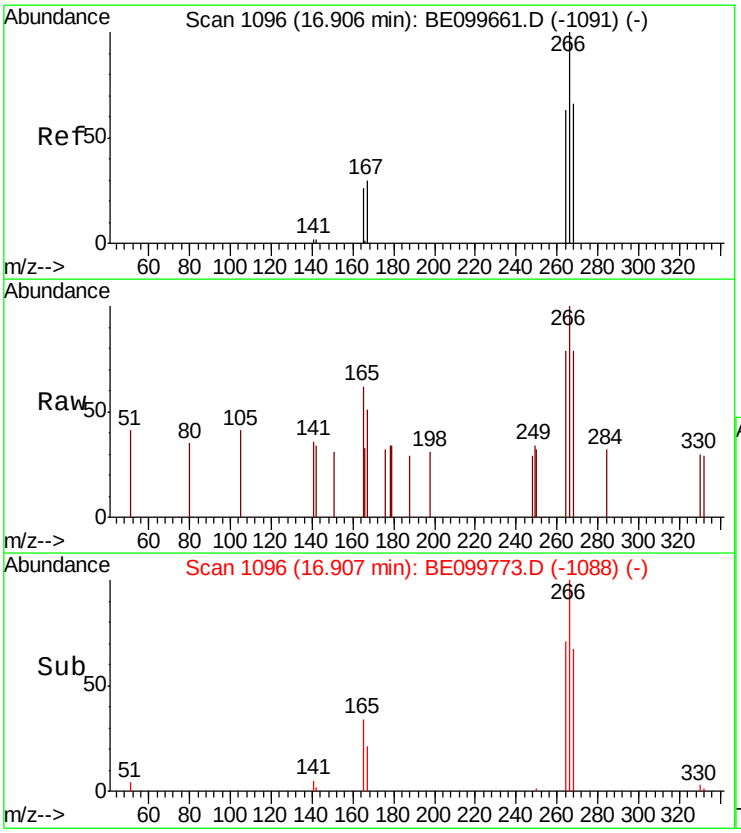

#21
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:284 Resp: 1844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.7 | 17.8 | 26.6 |
| 249 | 31.8 | 24.8 | 37.2 |

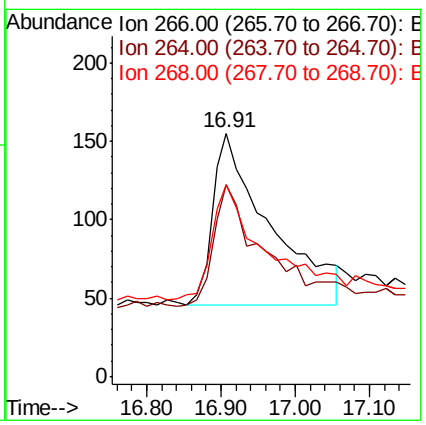


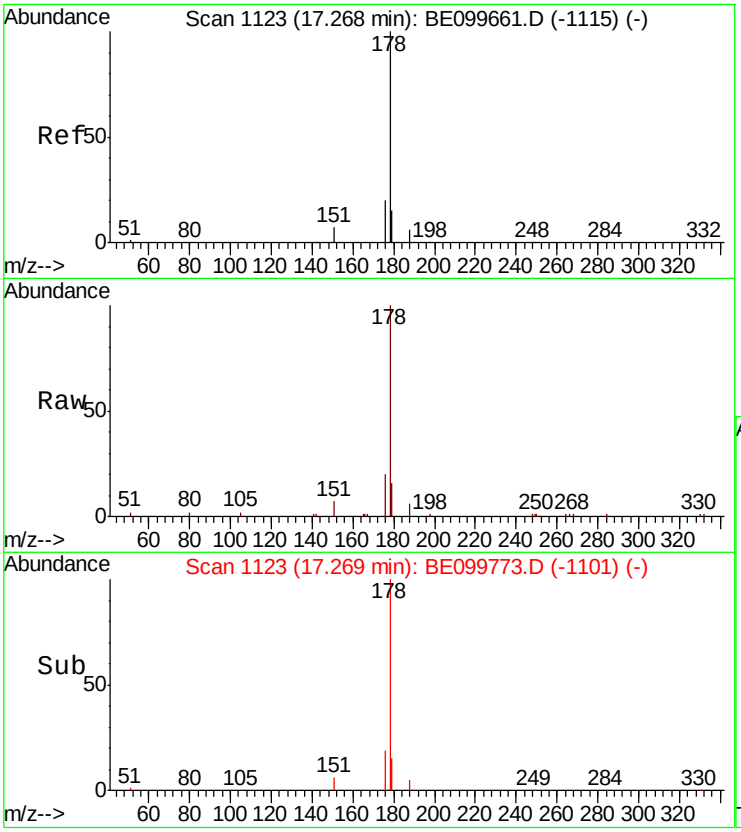




#22
Pentachlorophenol
Concen: 0.550 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:266 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 78.7 | 57.2 | 85.8 |
| 268 | 78.7 | 60.5 | 90.7 |



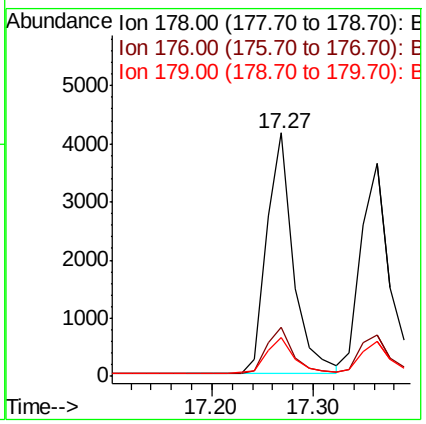


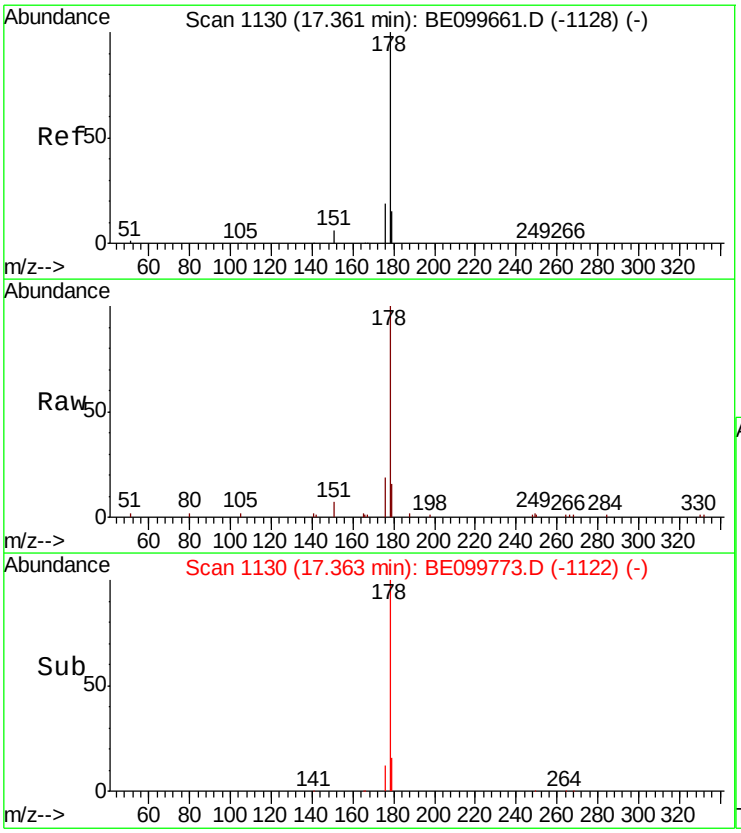

#23
Phenanthrene
Concen: 0.363 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:178 Resp: 7552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.6 | 23.4 |
| 179 | 15.1 | 12.2 | 18.4 |

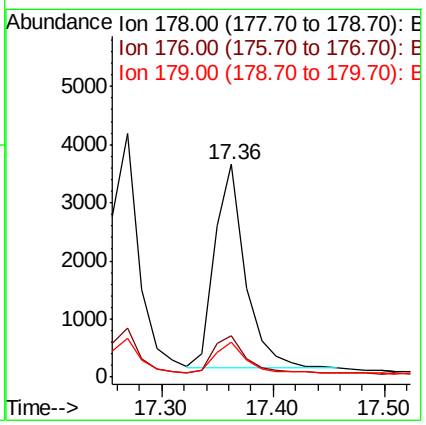


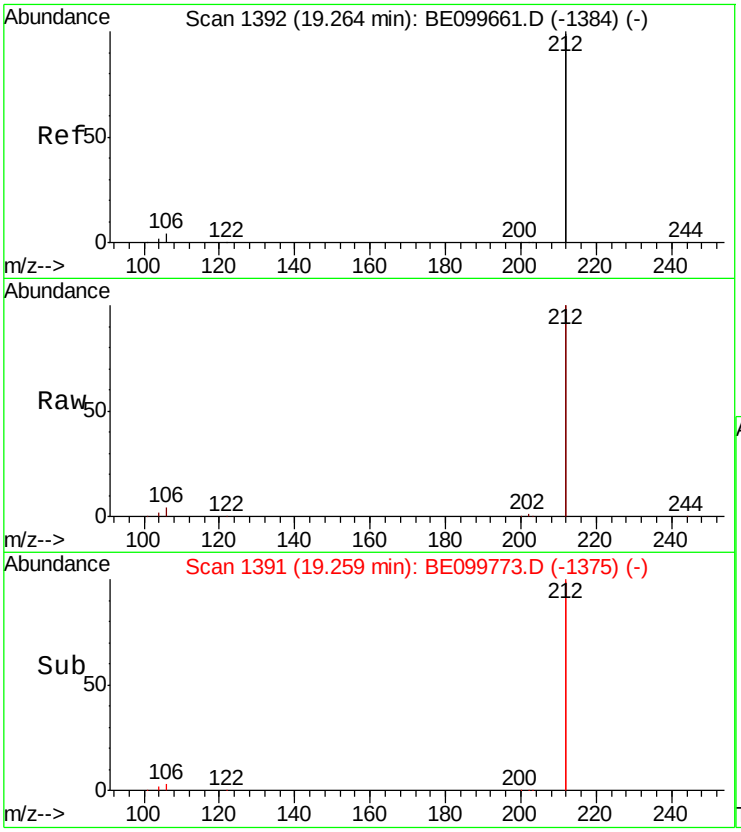




#24
Anthracene
Concen: 0.359 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:178 Resp: 6763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 14.7 | 22.1 |
| 179 | 15.1 | 12.0 | 18.0 |



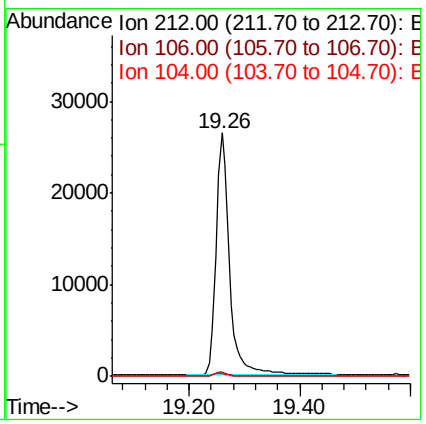


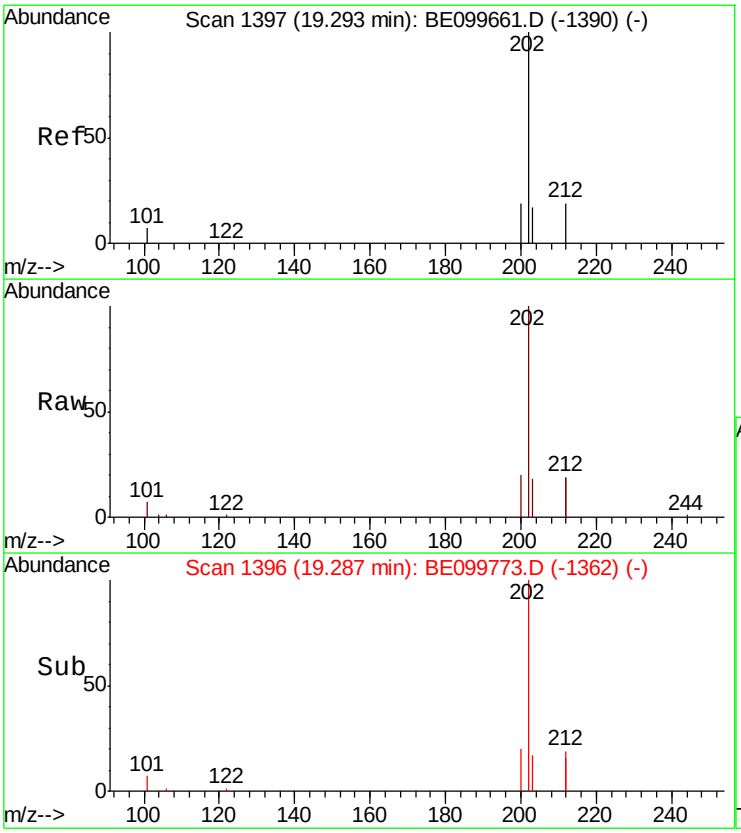

#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:212 Resp: 44491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.8 | 1.4 | 2.2 |
| 104 | 1.1 | 0.8 | 1.2 |

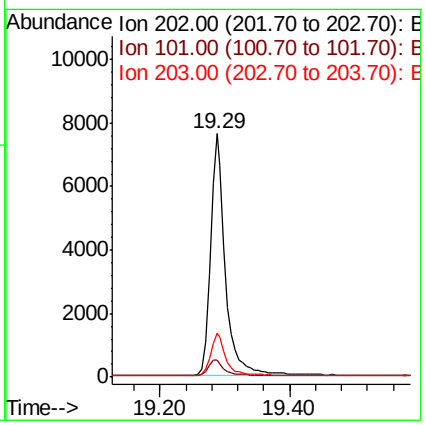


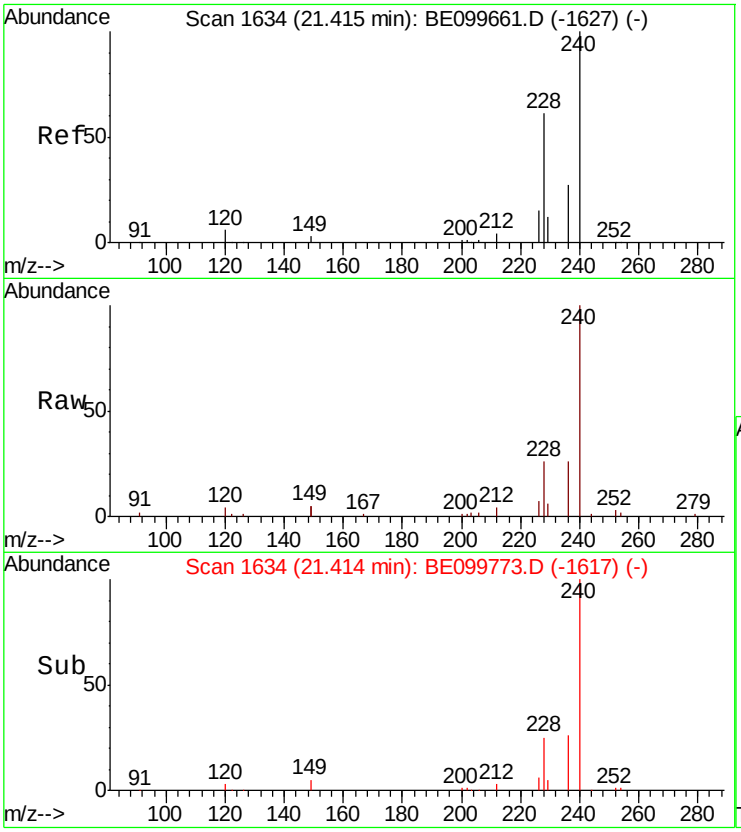




#26
Fluoranthene
Concen: 0.377 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:202 Resp: 12381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.6 | 5.2 | 7.8 |
| 203 | 17.1 | 13.8 | 20.6 |



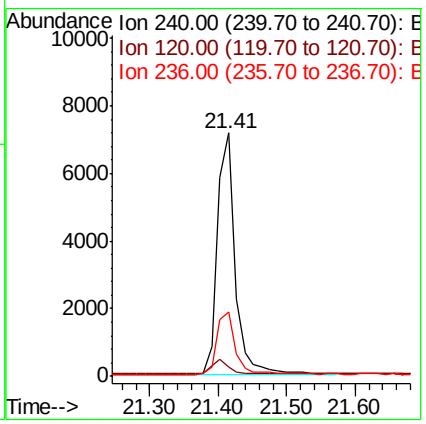


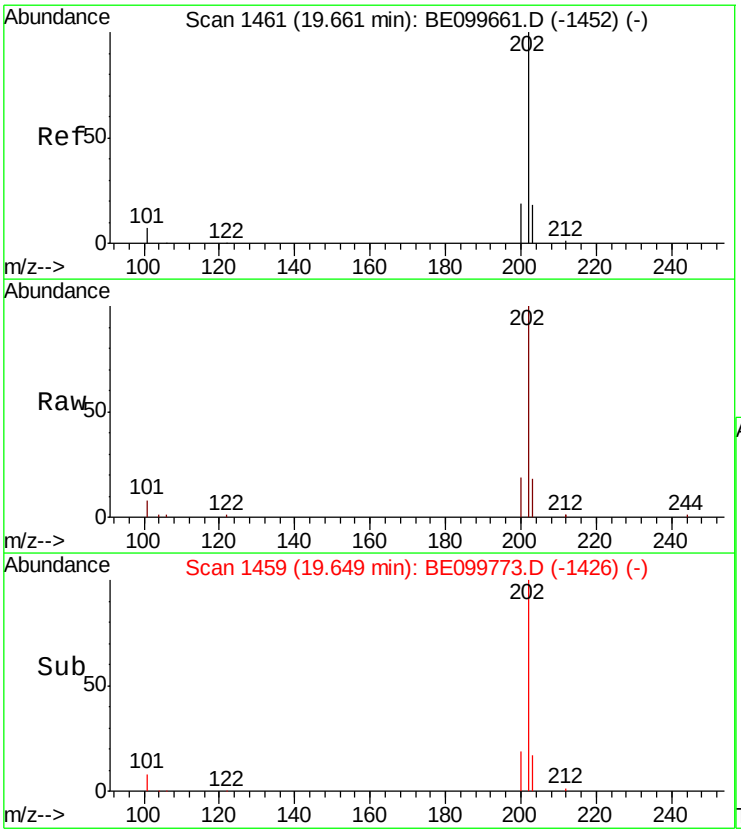

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:240 Resp: 12892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 3.7 | 5.4 | 8.0# |
| 236 | 26.4 | 21.7 | 32.5 |

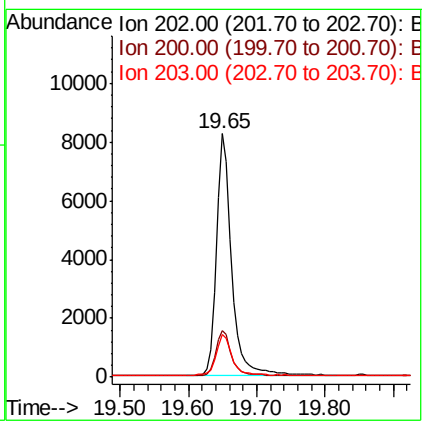


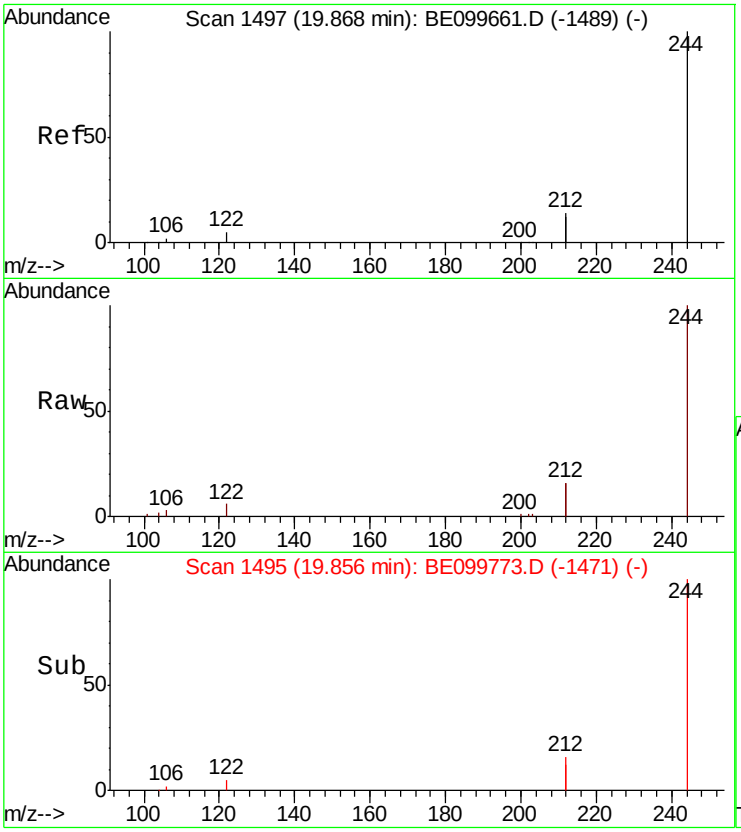




#28
Pyrene
Concen: 0.397 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:202 Resp: 12856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.3 | 15.4 | 23.2 |
| 203 | 17.9 | 13.8 | 20.8 |



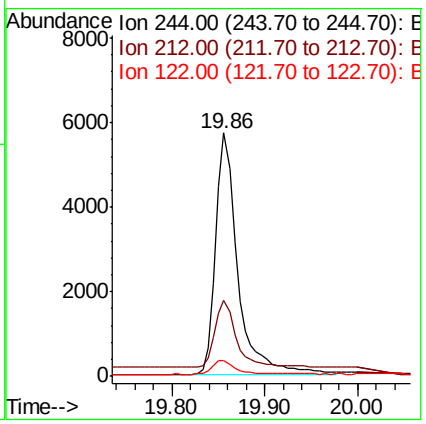


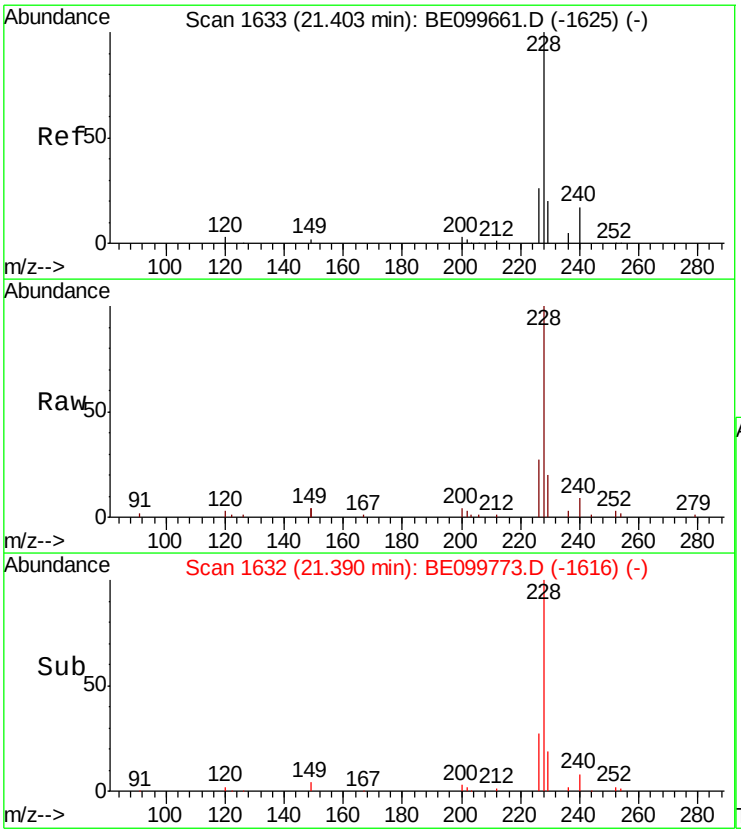

#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:244 Resp: 9458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 31.4 | 22.5 | 33.7 |
| 122 | 6.3 | 4.3 | 6.5 |

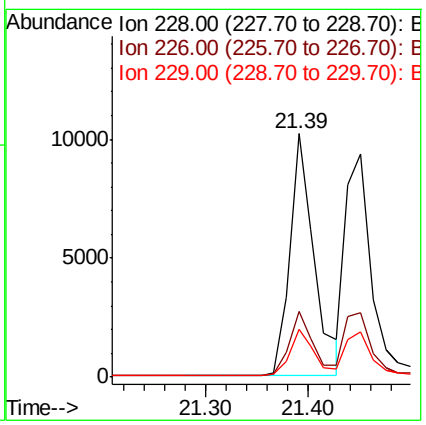


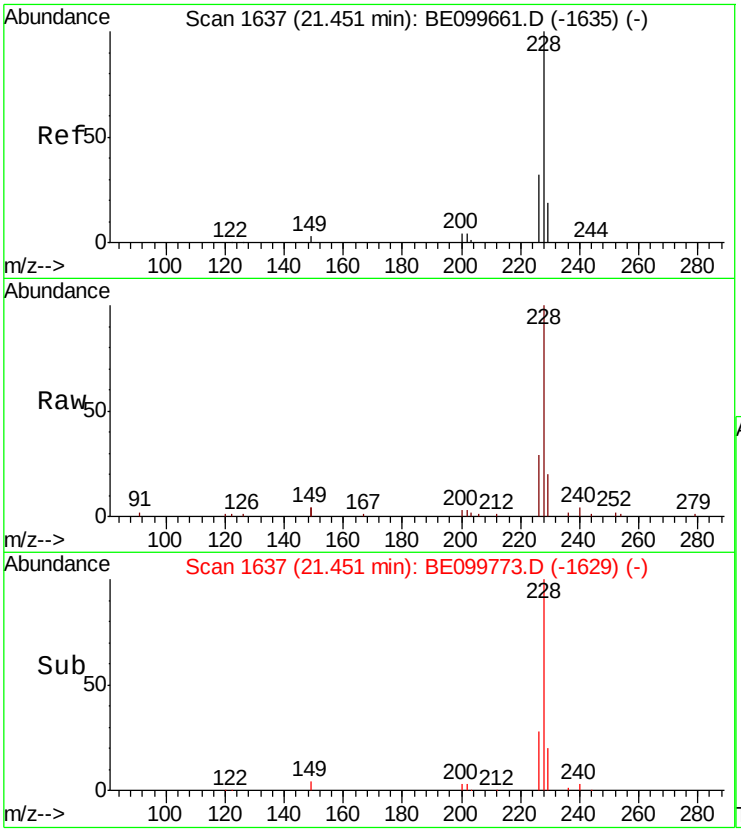




#30
Benzo(a)anthracene
Concen: 0.460 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:228 Resp: 16864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.3 | 31.9 |
| 229 | 19.9 | 16.1 | 24.1 |



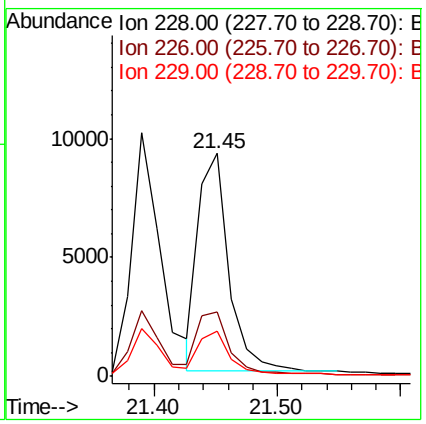


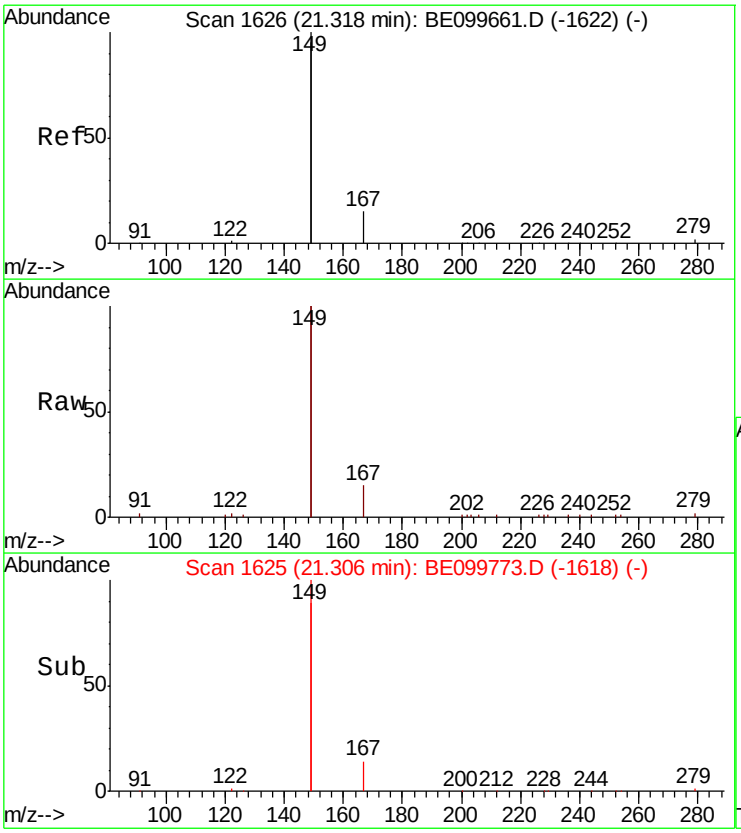

#31
Chrysene
Concen: 0.403 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:228 Resp: 15790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.0 | 24.7 | 37.1 |
| 229 | 20.4 | 15.8 | 23.6 |

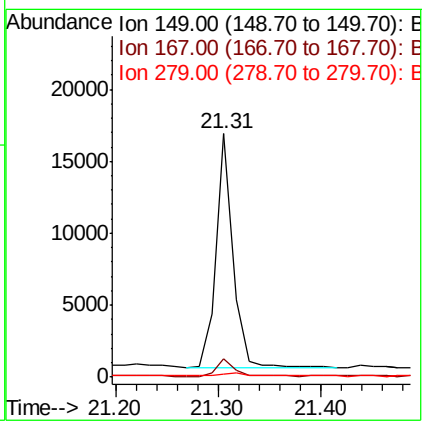


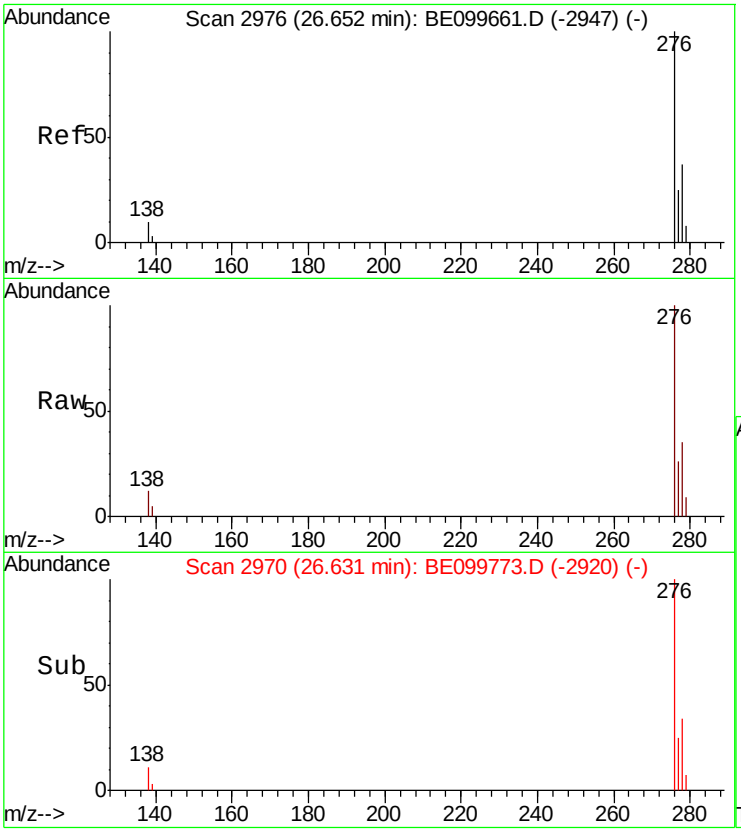




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.439 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:149 Resp: 18544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.6 | 6.2 | 9.4 |
| 279 | 1.8 | 1.2 | 1.8# |



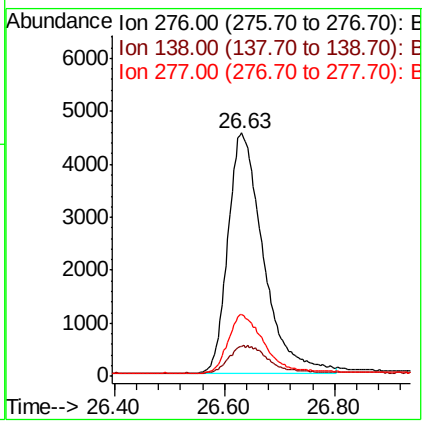


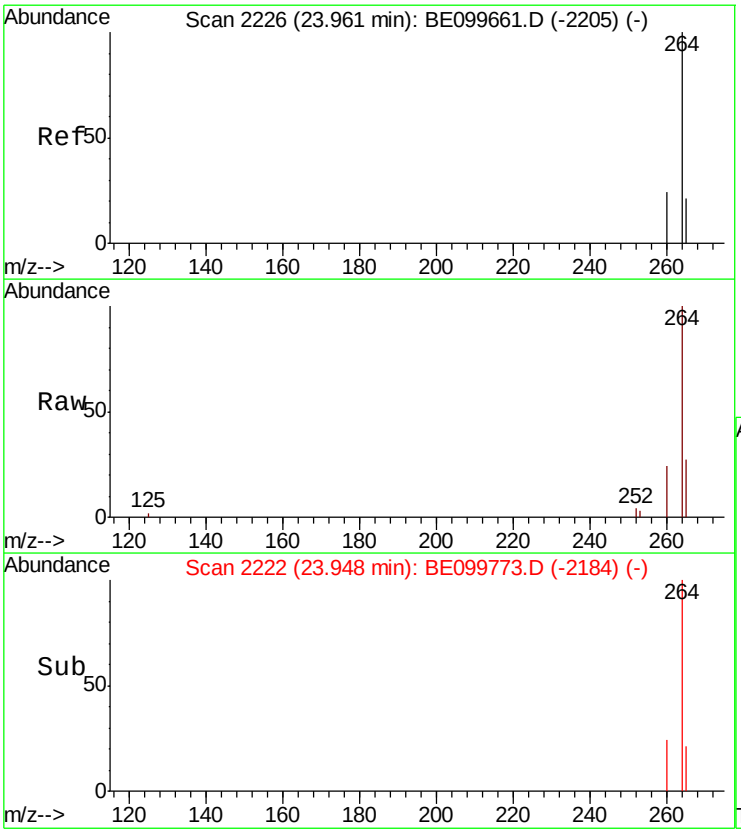

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.02 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:276 Resp: 20323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 5.4 | 9.6 | 14.4# |
| 277 | 24.8 | 19.2 | 28.8 |

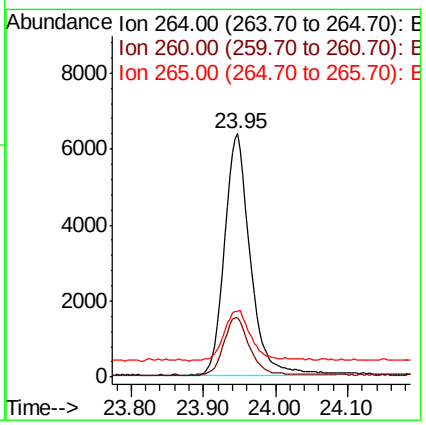


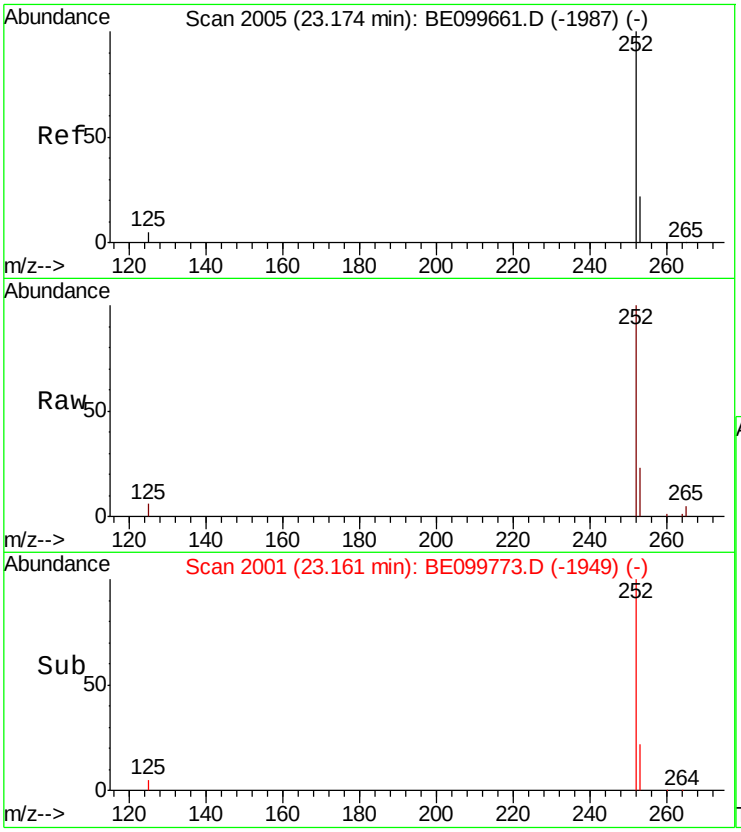




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:264 Resp: 15427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.6 | 29.4 |
| 265 | 27.2 | 19.1 | 28.7 |



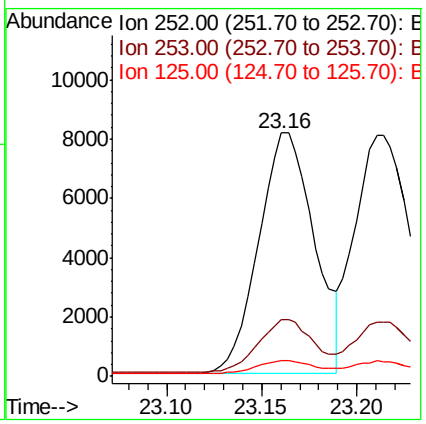


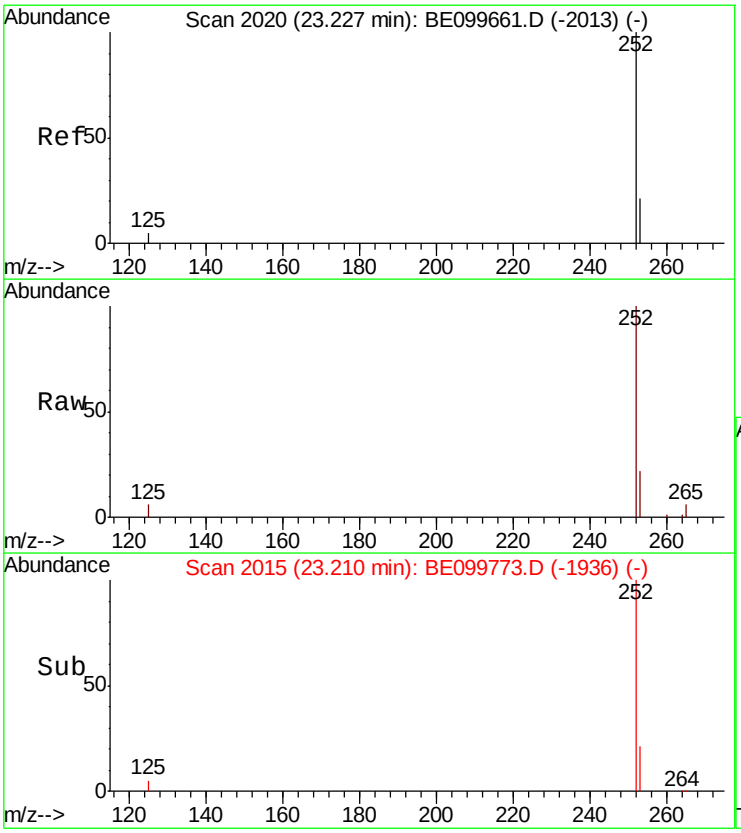

#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:252 Resp: 16517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.2 | 27.4 |
| 125 | 6.3 | 4.5 | 6.7 |

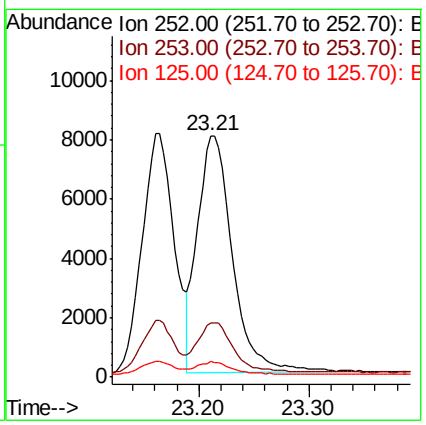


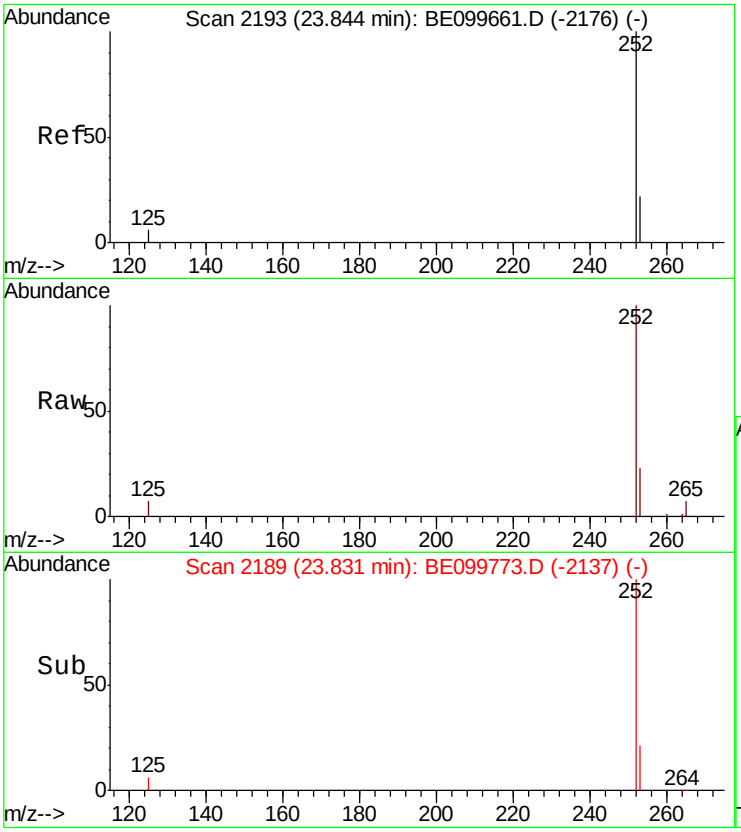




#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:252 Resp: 17546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.8 |
| 125 | 6.4 | 4.6 | 6.8 |



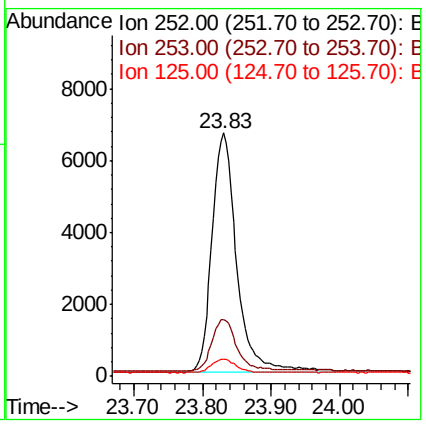


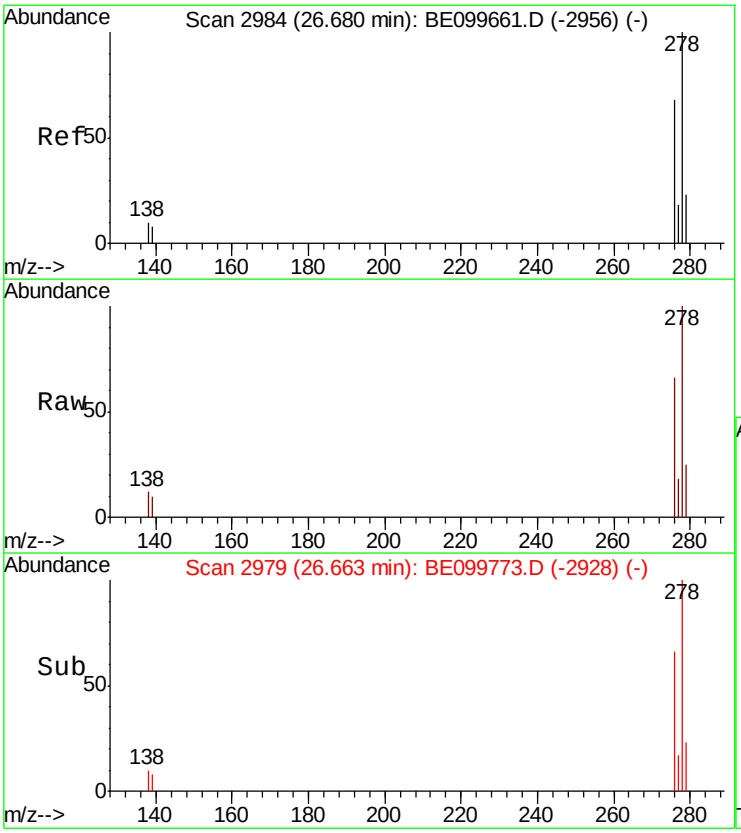

#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:252 Resp: 16622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 18.9 | 28.3 |
| 125 | 7.1 | 5.4 | 8.0 |

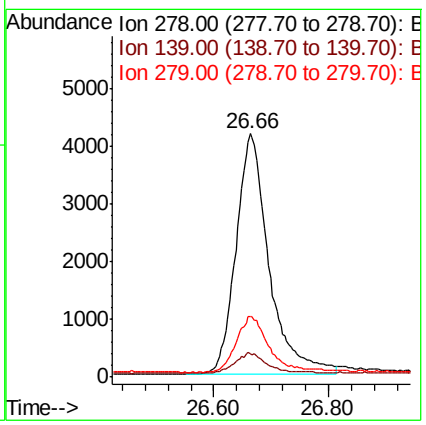


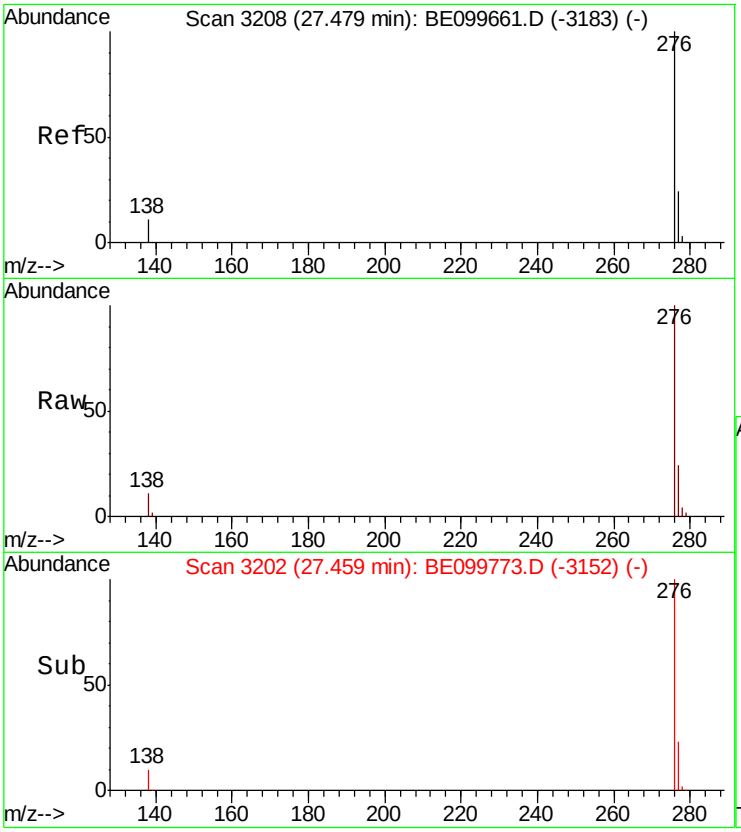




#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 26.66 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

Tgt Ion:278 Resp: 16611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.8 | 6.9 | 10.3 |
| 279 | 24.6 | 19.2 | 28.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 27.46 min Scan# 3202
Delta R.T. -0.02 min
Lab File: BE099773.D
Acq: 29 May 2019 13:09

**Instrument :**
BNA_E
**ClientSampleId :**
PB120145BS

Tgt Ion:276 Resp: 18052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.8 | 29.6 |
| 138 | 11.1 | 9.2 | 13.8 |